(Use several sheets if necessary

ATTY, DOCKET NO. 10165-037-999	APPLICATION NO. 10/520,140	
APPLICANT		
Brines et al.		
FILING DATE	ART UNIT	
January 3, 2005	1647	

			U.S. PA	ATENT DOCUMENTS	
*EXAMINER INTIAL		DOCUMENT NUMBER	DATE	NAME	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVAN ITIGURES APPEAR
	A13	60/458,193	3/28/2003	Renzi	
	A14	09/290,938	4/13/1999	Brines et al	
	A15	09/547,220	4/11/2000	Brines et al.	
	Al6	09/716,963	11/21/2000	Brines et al.	
	Δ17	09/718,829	11/21/2000	Brines et al.	
	A18	11/880,275	7/19/2007	Brines et al.	
	A19	2002/0052309	5/02/2002	Anagnostou et al.	
	A20	2002/0061849	5/23/2002	Nielsen et al.	
	A21	2002/0081734	6/27/2002	Choi et al.	
	A22	2002/0160460	10/31/2002	Paulson et al.	
	A23	2003/0003529	1/2/2003	Bayer	
	A24	2003/0040037	2/27/2003	Bayer	
	A25	2003/0072737	4/17/2003	Brines et al.	
	A26	2003/0089468	5/15/2003	Kettunen et al.	
	A27	2003/0104988	6/5/2003	Brines et al.	
	A28	2003/0120045	6/26/2003	Bailon	
	A29	2003/0134798	7/17/2003	Brines et al.	
	A30	2004/0009902	1/15/2004	Boime	
	A31	2004/0091961	5/13/2004	Evans et al.	
	A32	2004/0122216	6/24/2004	Nielsen et al.	
	A33	2004/0209812	10/21/2004	Farrell et al.	
	A34	2004/0214236	10/28/2004	Brines et al.	
	A35	2005/0106722	5/19/2005	Jones et al.	
	A36	2005/0164386	7/28/2005	Uytdehaag et al.	
	A37	2005/0170463	8/04/2005	Bout et al.	
	A38	2005/0176627	8/11/2005	Cerami et al.	
	A39	2006/0099685	5/11/2006	Yallop et al.	
	Δ40	2006/0216757	9/28/2006	Brines et al.	
	Δ41	2007/0054394	3/08/2007	Bout et al.	

EN	A	М	12	٧E	ŀ
NY	La	3	2.5	14	Ž,

(Use several sheets if necessary

ATTY: DOCKET NO: 10165-037-999	APPLICATION NO. 10/520,140	
APPLICANT		
Brines et al.		
FILING DATE	ARTUNIT	
January 3, 2005	1647	

U.S. PATENT DOCUMENTS PAGES, COLUMNS, LINES, WHERE *FXAMINER RELEVANT PASSAGES OR RELEVANT INITIAL DOCUMENT NUMBER NAME FIGURES APPEAR 5/24/2007 2007/0117742 Opstelten et al. 2007/0129293 6/07/2007 A43 Coleman et al. 2007/0231860 A44 10/04/2007 Uvtdehaag et al. A45 2007/0275439 11/29/2007 Opstelten 2007/0298031 12/27/2007 Brines et al. A46 2007/0298464 12/27/2007 A47 Optelten et al. 2008/0014193 1/17/2008 Brines et al. A48 2008/0032922 2/07/2008 A49 Opstelten et al. 2008/0050403 2/28/2008 Marzio et al. 2008/0305990 A51 12/11/2008 Brines et al. 2009/0004202 1/01/2009 Brines et al. 2009/0136519 5/28/2009 Brines et al A54 2009/0233844 9/17/2009 Brines et al 2009/0258821 10/15/2009 Cerami et al. A56 4.343.782 8/10/1982 Shapiro 4.992.419 A57 Woog et al. 5,278,065 A58 6/11/1994 D'Andrea 5,292,654 3/08/1994 Yoshimura A59 10/11/1994 Pitt et al. A60 1/07/1997 lgari et al. A61 5,604,198 Poduslo et al. A62 2/18/1997 5,750,376 5/12/1998 Weiss et al. Λ63 5,763,198 6/09/1998 Hirth et al. A64 5.824.672 10/20/1998 Simpkins et al. A65 5,997,865 12/7/1999 Bennett et al. A66 467 6,048,971 4/11/2000 Sytkowski et al. 6.071.970 6/06/2000 Mueller et al. A68 04/15/2005 A69 Smith et al. 6,121,246 9/19/2000 $\Lambda70$ Isner

EX	A	ME	NE	R
NY	1-4	228	197	'n

(Use several sheets if necessary

ATTY. DOCKET NO 10165-037-999	APPLICATION NO 10/520,140	
APPLICANT Brines et al.		
FILING DATE January 3, 2005	ART UNIT	

			U.S. PA	ATENT DOCUMENTS	
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVAN' FIGURES APPEAR
	A71	6,153,407	11/28/2000	Sytkowski et al.	FIGURES APPEAR
	A72	6,200,567	3/13/2001	Lopez etal.	
	A73	6,242,570	6/05/2001	Sytkowski	
	A74	6,291,661	09/18/2001	Graddis et al.	
	A75	6,340,742	1/22/2002	Burg et al.	
	A76	6,399,336	6/4/2002	Paulson et al.	
	A77	6,440,932	8/27/2002	Lehmann et al.	
	A78	6,475,717	11/05/2002	Enssle et al.	
	A79	6,489,293	12/3/2002	Sytkowski et al.	
	A80	6,521,245	2/18/2003	Zaharia	
	Λ81	6,583,272	6/24/2003	Bailon	
	A82	6,645,522	11/11/2003	Naeff et al.	
	A83	6,784,154	8/31/2004	Westenfelder	
	A84	6,855,544	2/15/2005	Hateboer et al.	
	A85	6,930,086	8/16/2005	Tischer	
	A86	7,053,184	5/30/2006	Lee	
	A87	7,087,224	8/8/2006	Kay et al.	
	A88	7,091,326	8/15/2006	Lee et al.	
	A89	7,098,318	8/29/2006	Lee et al.	
	A90	7,214,532	5/08/2007	Stern et al.	
	A91	7,220,555	5/22/2007	Paulson et al.	
	A92	7,262,166	8/28/2007	Kinstler et al.	
	A93	7.297,680	11/20/2007	Opstelten et al.	
	A94	7,300,915	11/27/2007	Campana et al.	
	A95	7,300,916	11/27/2007	Yasuda et al.	
	A96	7,304,031	12/04/2007	Opstelten et al.	
	A97	7,309,687	12/18/07	Brines et al.	
	A98	7.345,019	3/18/08	Brines et al.	
	Α99	7,410,941	8/12/08	Brines et al.	

EXAMINE	R
NYI-4228197	v

(Use several sheets if necessary

ATTY DOCKET NO APPLICATION NO 10165-037-999 10/520,140 APPLICANT Brines et al.	
FILING DATE January 3, 2005	ARTUNIT 1647

	FOREIGN PATENT DOCUMENT COUNTRY CODE, NUMBER, KIND CODE (IF KNOWN)	DATE	NAME	PAGES, COLUMNS, LINFS, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR	т
B14	CA 2,294,448	12/30/1998	Roche Diagnostics Gmbh		_
B1:		6/15/00	Ehrenreich and Gleiter (w/English abstract)		
BIG	EP 0640619	1/3/1995	Amgen Inc.		
BIT	EP 0668351	8/23/1995	Amgen, Inc.		e v se
B18	EP 0883343	4/24/1997	St. Elizabeth's Medical Center of Boston, Inc.		_
B19	EP 1064951	1/03/2001	F. Hoffmann-La Roche AG		_
B20	EP 1440157	5/8/2003	Crucell Holland B.V.		
B21	EP 1625858	2/15/2006	St. Elizabeth's Medical Center of Boston, Inc.		_
B22	EP 1633383	3/15/2006	Janssen Pharmaceutica N.V.		_
B23	EP 1831381	7/6/2006	Crucell Holland B.V.		
B24	EP 1889627	2/20/2008	Niigata TLO Corporation		-
B25	FR 2 823 220	10/11/2002	Genodyssee (w/English abstract)		
B26	JP-05092928	4/16/93	Snow Brand Milk Prod Co., Ltd., (w/English abstract)		
B27	WO 1985/002610	6/20/1985	Kirin-Amgen, Inc.		
B28	WO 1986/003520	6/19/1986	Genetics Institute, Inc.		
B29	WO 1990/011354	10/4/1990	Institut Pasteur (w/English abstract)		
B30	WO 1991/005867	5/2/1991	Amgen Inc.		_
B31	WO 1991/006667	5/16/1991	Cell Genesys, Inc.		_
B32	WO 1991/009955	7/11/1991	Applied Research Systems, ARS Holding MV		
B33	WO 1993/009222	5/13/1993	Transkaryotic Therapies, Inc.		_
B34	WO 1993/025221	12/23/1993	Alkermes Controlled Therapeutics		PROFESSION.

EXAMINER NYI-4228197v1

DATE CONSIDERED

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Use several sheets if necessary

ATTY DOCKET NO. 10165-037-999	APPLICATION NO 10/520,140	
APPLICANT Brines et al.		
FILING DATE	ARTUNIT	

FOREIGN PATENT DOCUMENTS

	FOREIGN PATENT DOCUMENT COUNTRY CODE, NUMBER, KIND CODE (IF KNOWN)	DATE	NAME	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR	
B35	WO 1994/012650	6/9/1994	Transkaryotic Therapies. Inc.	NEOD THE THOUSE OF THE CASE	
B36	WO 1995/005465	2/23/1995	Amgen Inc.		
B37	WO 1995/031560	11/23/1995	Transkaryotic Therapies, Inc.		
 B38	WO 1997/008307	3/6/1997	Il Dong Pharmaceutical Co. Ltd.		-
B39	WO 1997/014307	4/24/1997	St. Elizabeth's Medical Center of Boston, Inc.		l
B40	WO 1998/010650	3/19/1998	East Carolina University		1
B41	WO 1998/058660	12/30/1998	Boehringer Mannheim GMBH (w/English abstract)		T
B42	WO 1999/021966	5/06/1999	Neurospheres Holdings Ltd.		Г
B43	WO 2000/024893	5/4/2000	Amgen, Inc.		
B44	WO 2000/032772	6/8/2000	Eli Lilly & Co.		
B45	WO 2000/061164	10/19/00	Kenneth S. Warren Laboratories		
B46	WO 2001/002017	1/11/2001	F. Hoffmann-La Roche AG		\vdash
B47	WO 2001/081405	11/1/2001	Amgen Inc.		
B48	WO 2001/087329	11/22/2001	F. Hoffmann-La Roche AG		
B49	WO 2002/000721	1/3/2002	Zymogenetics, Inc.		
 B50	WO 2002/014356	2/21/2002	Althoff, Claudia		
B51	WO 2002/049673	6/27/2002	F. Hoffmann-La Roche AG		-
B52	WO 2002/053580	7/11/02	Kenneth S. Warren Institute, Inc.		
B53	WO 2003/029291	4/10/2003	F. Hoffmann-La Roche AG		
 B54	WO 2003/038100	5/8/2003	Crucell Holland B.V.		
 B55	WO 2003/089468	10/30/2003	Crucell Holland B.V.		-
B56	WO 2004/003176	1/8/04	The Kenneth S. Warren Institute, Inc. and H. Lundbeck A/S		
B57	WO 2004/004656	1/15/04	The Kenneth S. Warren Institute, Inc.		
B58	WO 2004/022577	3/18/2004	Warren Pharmaceuticals, Inc.; Kenneth S. Warren Institute, Inc.		
B59	WO 2004/087063	10/14/2004	Janssen Pharmaceutica NV		
B60	WO 2004/096148	11/11/04	The Kenneth S. Warren Institute, Inc.		
B61	WO 2004/112693	12/29/2004	Kenneth S. Warren Institute, Inc.		
B62	WO 2005/025606	3/24/05	Warren Pharmaceuticals, Inc.;		

EXAMINER NYI-4228197v1

DATE CONSIDERED

*FXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Use several sheets if necessary

ATTY DOCKET NO.	APPLICATION NO.	
10165-037-999	10/520.140	
APPLICANT		
Brines et al.		
FILING DATE	ARTUNIT	
January 3 2005	1647	

FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENT PAGES, COLUMNS, LINES, WHERE COUNTRY CODE, NUMBER, RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR KIND CODE (IF KNOWN) DATE Kenneth S. Warren Institute, Inc. WO 2005/032467 4/14/05 Warren Pharmaceuticals, Inc. WO 2005/084364 9/15/05 The Kenneth S. Warren Institute, Inc. B64 WO 2005/117927 12/15/05 The Kenneth S. Warren Institute. Inc. B65 and H. Lundbeck A/S H. Lundbeck A/S WO 2006/002646 1/12/06 B66 WO 2006/014349 2/9/06 The Kenneth S. Warren Institute, Inc., et al. WO 2006/014466 2/9/06 The Kenneth S. Warren Institute, Inc.: B68 Lundbeck, H., A/S WO 2006/070011 7/6/2006 Crucell Holland B.V. B69 B70 WO 2006/129755 12/7/2006 Niigato TLO Corporation (w/English Abstract) WO 1994/028024 12/8/1994 Enzon, Inc. B71

	NON PATENT LITERATURE DOCUMENTS				
Examiner			T_		
Initials (Include name of the author (in CAPITAL LETTERS), Title, Date, Pertinent Pages, Etc.)			T		
	C118	Patent Interference No. 105,500 Ehrenreich v. Brines: Judgment Paper I, Declaration, Brines clean copy of			
		claims, and Ehrenreich clean copy of claims (10/02/06)			
	C119	ABDELRAHMAN, 2004, "Erythropoietin attenuates the tissue injury associated with hemorrhagic shock an myocardial ischemia," Shock, Vol. 22(1), pp 63-69			
	C120 AGNELLO et al., 2002, "Erythropoietin exerts an anti-inflammatory effect on the CNS in a model of				
	experimental autoimmune encephalomyelitis," Brain Research 952:128-134				
	C121 AKHTAR et al., 1999, "Conformational study of N(epsilon)-(carboxymethyl)lysine adducts of recombinant				
		alpha-crystallins," Current Eye Research 18:270-276			
	C122	ALAFACI et al., 2000, "Effect of Recombinant Human Erythropoietin on Cerebral Ischemia Following			
		Experimental Subarachnoid Hemorrhage," Eur. J. Phar., 406:219-225.	Į.		
	C123	ANAGNOSTOU et al., 1994, "Erythropoietin receptor mRNA expression in human endothelial cells", Proc.			
		Natl. Acad. Sci. USA 91:3974-3978	İ		
	C124	ANDO et al., 1996, "Autonomic dysfunction and anemia in neurologic disorders", J. Autonomic Nervous Syst.			
		61:145-148			
	C125	ANNABLE et al., 1972, "The Second International Reference Preparation of Erythropoietin, Iluman, Urinary,			
		for Bioassay," Bull. Org. Mond. Sante, 47:99-112.			
	C126 ARZNEIMITTELKOMMISSION DER DEUTSCHEN ARZTESCHAFT, 2004, "Empfehlungen zur Therapie				
		der Demenz," Arzneiverordrung in der Praxis, Band 31, Sonderheft 4 (w/English abstract)			
	C127	ASHWELL et al., 1978, "A Protein from Mammalian Liver that Specifically Binds Galactose-Terminated	1		
		Glycoproteins," Meth. Enzymol., 50:287-291.			

E	X.	A.	١	11	١	E	ł
N	VI	-4	0	25	e i	q.	r,

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary (Use several sheets if necessary HILON DATE ATTY. DOCKET NO. APPLICATION NO 10165-037-999 10/520,140 APPLICATION Brines et al. FILNO DATE ARTUNIT

January 3, 2005

C128 AY et al., 1999, "Potential usefulness of basic fibroblast growth factor as a treatment for stroke," Cerebrovascular Disease 9;131-135 C129 BANY-MOHAMMED et al., 1996, "Recombinant human erythropoictin: possible role as an antioxidant in premature rabbis," Pediatric Res., 34(2);381-387 C130 BARBER et al., 2001, "De novo design of cytokine-based alpha helical binding domains display cytotoxic activity," Blood 98(11, pag. 12):1230-1330 Abstract 4193 C131 BARBER et al., 1994, "Erythropoictin and interleukin-2 activate distinct JAK kinase family members," Mol. Ctll. Biol. 14(1)):6506-6614 C132 BARBONE et al., 1994, "Nutagenesis studies of the human erythropoictin receptor. Establishment of structure-function relationships," J. Biol. Chem. 272(8):4985-4992 C133 BARRON et al., 1994, "Alternatively spiced mRNAs encoding soluble isoforms of the crythropoictin receptor in murine cell lines and bone marrow," Gene 147/263-8 C134 BASKAYA et al., 1997, "The biphasic opening of the blood—brain barrier in the cortex and hippocampus after traumatic brain injury in rats," Neuroscience Lett. 226:33-36 C135 BAZAN, 1989, "A novel family of growth factor receptors; a common binding domain in the growth hormone, prolactin, crythropoietin and IL-6 receptors, and the p75 IL-2 receptor beta-chain," Biochem. Biophys. Res. Commun. 164(2):788-795 C136 BELAYEV et al., 1996, "Quantitative evaluation of blood-brain barrier permeability following middle cerebral artery occlusion in rats," Brain Research 739:88-96 C137 BELAYEV et al., 1996, "Quantitative evaluation of blood-brain barrier permeability following middle cerebral artery occlusion in rats," Brain Research 739:88-96 C137 BENT et al., 2003, "Determination of the energetics governing the regulatory step in growth hormone-induced receptor homodimerization," PNAS Vol. 100(3):952-57 C138 BENYO et al., 1999, "Eyespesion of erythropoietin areceptor byrophoblast cells in the human placenta", Biol. Reproduct. 60:861-870 BERNAU et al., 2004, "Erythropoietin both protects from and reverse	***************************************			
C129 BANY-MOHAMMED et al., 1996, "Recombinant human erythropoietin: possible role as an antioxidant in premature rabibis," Pediatric Res. 40(3):281-387		C128	AY et al., 1999, "Potential usefulness of basic fibroblast growth factor as a treatment for stroke," Cerebrovascular Disease 9:131-135	Π
C130 BARBER et al., 2001, "De novo design of cytokine-based alpha helical binding domains display cytotoxic activity," Blood 98(11, par.) Pst. 2013, 2013, Abstract 4103 C131 BARBER et al., 1994, "Eprthropoietin and interleukin-2 activate distinct JAK kinase family members," Mol. Cell. Biol. 14(10):6506-6514 C132 BARBER et al., 1994, "Mutagenesis studies of the human erythropoietin receptor. Establishment of structure-function relationships," J. Biol. Chem. 727(8):4985-4992 C133 BARRON et al., 1994, "Alternatively spiced mRNAs encoding soluble isoforms of the crythropoietin receptor in murine cell lines and boom marrow," Gene 147:263-8 C134 BASKAYA et al., 1997, "The biphasic opening of the blood—brain harrier in the cortex and hippocampus after traumatic brain highur in rats," Neuroscience Lett. 226-33-36 C135 BAZAN, 1989, "A novel family of growth factor receptors: a common binding domain in the growth hormone, commun. 164(2):788-795 C136 BELAYEV et al., 1996, "Quantitative evaluation of blood-brain barrier permeability following middle cerebral artery occlusion in rats," Brain Research 739:88-96 C137 BELAYEV et al., 1996, "Quantitative evaluation of blood-brain barrier permeability following middle cerebral artery occlusion in rats," Brain Research 739:88-96 C138 BENYO et al., 1993, "The WS motif common to *mpl and members of the cytokine receptor superfamily is dispensable for myedoprodiferative leukemia vinus pathogenicity," Oncogene 8:787-790 C138 BENYO et al., 1993, "The WS motif common to *mpl and members of the cytokine receptor superfamily is dispensable for myedoprodiferative leukemia vinus pathogenicity," Oncogene 8:787-790 C140 BERNAT et al., 2003, "Determination of the erregicites governing the regulatory step in growth hormone-induced receptor homodimerization," PNAS Vol. 100(3):952-57 C141 BERNAUDIN et al., 2000, "Neurons and astrocytes express EPO mRNA: oxygen-sensing mechanisms that involve the redox-state of the brain", Clia 30:271-278 C142 BERNAUDIN et al., 2000, "Place of the oxyg		C129	BANY-MOHAMMED et al., 1996, "Recombinant human erythropoietin; possible role as an antioxidant in	\vdash
Ci31 BARBER et al., 1994, "Eprimpopoletin and interrelukin-2 activate distinct JAK kinase family members," Mol. Cell. Biol. 141(0):606-6514 Ci32 BARBEROKE et al., 1994, "Eprimpopoletin and interrelukin-2 activate distinct JAK kinase family members," Mol. Cell. Biol. 141(0):6056-6514 BARBOKE et al., 1997, "Eprimpopoletin and interrelukin-2 activate distinct JAK kinase family members," Mol. Cell. Biol. 141(0):6056-6514 BARBOKE et al., 1997, "Mutagenesis studies of the human erythropoletin receptor. Establishment of structure-function relationships," J. Biol. Chem. 272(8):4985-4992 Ci33 BARROK et al., 1994, "The biphasic opender mRNAs encoding soluble isoforms of the erythropoletin receptor in murine cell lines and bone marrow," Gene 147:263-8 BASKAYA et al., 1997, "The biphasic opening of the blood—brain barrier in the cortex and hippocampus after traumatic brain injury in rats," Neuroscience Lett. 226:33-36 BAZAN, 1998, "A novel family of growth factor receptors a: common binding domain in the growth hormone, prolactin, erythropoletin and IL-6 receptors, and the p75 IL-2 receptor beta-chain," Biochem. Biophys. Res. Commun. 164(2):788-795 Ci36 BELAYEV et al., 1996, "Quantitative evaluation of blood-brain barrier permeability following middle cerebral arrey occlusion in rats," Brain Research 739:88-06 Ci37 BENIT et al., 1993, "The WS motif common to *-mapl and members of the cytokine receptor superfamily is dispensable for myeloproliferative leukenia virus pathogenicity," Onoogene \$787-790 Ci38 BENYO et al., 1999, "Expression of erythropoletin receptor by trophoblast cells in the human placenta", Biol. Reproduct. 60:861-870 Ci39 BERNAT et al., 2003, "Determination of the energetics governing the regulatory step in growth hormone-induced receptor homodimerization," PNAS Vol. 100(3):9525-57 Ci40 BERNAUDIN et al., 2000, "Neurons and astrocytes express EPO mRNA: oxygen-sensing mechanisms that involve the redox-state of the brain", (ilia 30:271-278 BiASA et al., 1998, "The effects of normal as compared with low hematoc		C110	BARBER et al. 2001 "De novo decign of outoking becod alpha balical hinding decign of outoking becod alpha balical hinding decign."	-
Cell. Biol. 1410):6506-6514 C132 BABRONE et al., 1907, "Mutagenesis studies of the human erythropoietin receptor. Establishment of structure-function relationships," J. Biol. Chem. 272(8):4085-4092 C133 BABRON et al., 1904, "Atternatively spiced mRNAs encoding soluble isoforms of the erythropoietin receptor in murine cell lines and bone marrow," Cene 147:263-8 C134 BASKAYA et al., 1907, "The biphasic opening of the blood—brain barrier in the cortex and hippocampus after traumatic brain injury in rats," Neuroscience Lett. 226:33-36 BAZAN, 1989, "A novel family of growth factor receptors a: common binding domain in the growth hormone, prolactin, erythropoietin and IL-6 receptors, and the p75 IL-2 receptor beta-chain," Biochem. Biophys. Res. Commun. 1642;7:88-705 C136 BELAYEV et al., 1996, "Quantitative evaluation of blood-brain barrier permeability following middle cerebral arrety occlusion in rats," Brain Research 739:88-06 C137 BENT et al., 1903, "The "WS motif common to *mpl and members of the cytokine receptor superfamily is dispensable for myeloproliferative leukenia virus pathogenicity," Oncogene \$787-790 C138 BENYO et al., 1999, "Expression of erythropoietin receptor by trophoblast cells in the human placenta", Biol. Reproduct. 60:861-870 C139 BERNAT et al., 2003, "Determination of the energetics governing the regulatory step in growth hormone-induced receptor homodimerization," PNAS Vol. 100(3):9325-57 C140 BERNAUDIN et al., 2000, "Neurons and astrocytes express EPO mRNA: oxygen-sensing mechanisms that involve the redox-state of the brain", Cilia 30:271-278 C141 BESARAB et al., 1908, "The effects of normal as compared with low hematocrit values in patients with cardiac disease who are receiving hemodialysis and epotetin." New England Journal of Medicine 33(9):584-590 C142 BIANCHI et al., 2004, "Erythropoietin both protects from and reverses experimental diabetic neuropathy, PNAS, Vol. 101, pp. 823-828 C143 BICKEL et al., 1903, "Pharmacologic effects in vivo in brain by vector-mediat		C130	activity," Blood 98(11, part 2):132b-133b Abstract 4193	
C133 BARRON et al., 1994, "Alternatively spiced mRNAs encoding soluble isoforms of the erythropoletin receptor in murine cell lines and bone marrow," Cene 147:263-8 C134 BASKAYA et al., 1907, "The biphasic opening of the blood—brain barrier in the cortex and hippocampus after traumatic brain injury in rats," Neuroscience Lett. 226:33-36 C135 BAZAN, 1989, "A novel finility of growth factor receptors a: common binding domain in the growth hormone, prolactin, erythropoletin and IL-6 receptors, and the p75 IL-2 receptor beta-chain," Biochem. Biophys. Res. Commun. 1642;7:88-795 C136 BELAYEV et al., 1996, "Quantitative evaluation of blood-brain barrier permeability following middle cerebral arrety occlusion in rats," Brain Research 739:88-96 C137 BENT et al., 1993, "The 'WS motif common to *mpl and members of the cytokine receptor superfamily is dispensable for myeloproliferative leukenia virus pathogenicity," Oncogene \$787-790 C138 BENYO et al., 1999, "Expression of erythropoletin receptor by trophoblast cells in the human placenta", Biol. Reproduct. 60:861-870 C139 BERNAT et al., 2003, "Determination of the energetics governing the regulatory step in growth hormone-induced receptor homodimerization," PNAS Vol. 100(3):9325-57 C140 BERNAUDIN et al., 2000, "Neurons and astrocytes express EPO mRNA: oxygen-sensing mechanisms that involve the redox-state of the brain", Cilia 30:271-278 C141 BESARAB et al., 1998, "The effects of normal as compared with low hematocrit values in patients with cardiac disease who are receiving hemodialysis and epotetin." New England Journal of Medicine 33/90/584-590 C142 BIANCHI et al., 2004, "Erythropoletin both protects from and reverses experimental diabetic neuropathy, PNAS, Vol. 101, pp. 823-828 C143 BICKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C144 BICKEL et al., 1993 "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22		C131	Cell. Biol. 14(10):6506-6514	
 C133 BARRON et al., 1994, "Alternatively spiced mRNAs encoding soluble isoforms of the crythropoletin receptor in murine cell lines and bone marrow," Cent e1/2263-8. C134 BASKAYA et al., 1997, "The biphasic opening of the blood—brain barrier in the cortex and hippocampus after traumatic brain injury in rats," Neuroscience Lett. 226-33-36. C135 BAZAN, 1989, "A novel family of growth factor receptors: a common binding domain in the growth hormone, prolactin, crythropoletin and IL-6 receptors, and the p75 IL-2 receptor beta-chain," Biochem. Biophys. Res. C136 BELAYEV et al., 1996, "Quantitative evaluation of blood-brain barrier permeability following middle cerebral artery occlusion in rats." Brain Research 739:88-96. C137 BELAYEV et al., 1996, "Quantitative evaluation of blood-brain barrier permeability following middle cerebral artery occlusion in rats." Brain Research 739:88-96. C138 BELAYEV et al., 1996, "Supermination of prophopolic interpretability following middle cerebral artery occlusion in rats." Brain Research 739:88-96. C139 BENNO E1, 2014, 1999, "Expession of erythropoletin treceptor by trophoblast cells in the human placenta", Biol. Reproduct. 60:861-870. C139 BERNAVIDIN et al., 2003, "Determination of the energetics governing the regulatory step in growth hormone-induced receptor homodimerization," PNAS Vol. 100(3):992-57. C140 BERNAVIDIN et al., 2000, "Neurons and astrocytes seryess EPO mRNA; oxygen-sensing mechanisms that involve the redox-state of the brain", Clai 30:271-278. C141 BESARAB et al., 1998, "The effects of normal as compared with low homatocrit values in patients with cardiac disease who are receiving hemodilayis and epoteint," New England Journal of Medicines 33(9):584-590. C142 BIANCHI et al., 2004, "Erythropoletin both protects from and reverses experimental diabetic neuropathy, PNAS, Vol. 101, pp. 823-828. C143 BICKEL et al.,		C132	BARBONE et al., 1997, "Mutagenesis studies of the human erythropoietin receptor. Establishment of structure-function relationships," J. Biol. Chem. 272(8):4985-4992	
C134 BASKAYA et al., 1997. "The biphasic opening of the blood—brain barrier in the cortex and hippocampus after traumatic brain injury in rats." Neuroscience Lett. 226:33-36 C135 BAZAN, 1989, "a novel family of growth factor receptors: a common binding domain in the growth hormone, prolacine, repythospicitin and IL-6 receptors, and the p75 IL-2 receptor beta-chain," Biochem. Biophys. Res. C136 BELAYEV et al., 1996, "Quantitative evaluation of blood-brain barrier permeability following middle cerebral artery occlusion in rats." Brain Research 739:88-96 C137 BELAYEV et al., 1994, "The WS motif Common to 1-mpl and members of the cytokine receptor superfamily is dispensable for myeloproliferative leukemia virus pathogenicity," Oncogene 8:787-790 C138 BENNO et al., 1999, "The WS motif Common to 1-mpl and members of the cytokine receptor superfamily is dispensable for myeloproliferative leukemia virus pathogenicity," Oncogene 8:787-790 C139 BENNAT et al., 2003, "Determination of the energetics governing the regulatory step in growth hormone-induced receptor homodimerization," PNAS Vol. 100(3):952-57 C140 BERNAUDIN et al., 2000, "Neurons and astrocytes express EPO mRNA: oxygen-sensing mechanisms that involve the redox-state of the brain", Clia 30:271-278 C141 BESARAB et al., 1998, "The effects of normal as compared with low homatocrit values in patients with cardiac disease who are receiving hemodialysis and epoteint." New England Journal of Medicina 339(9):584-590 C142 BIANCHI et al., 2004, "Erythropoletin both protects from and reverses experimental diabetic neuropathy, PNAS, Vol. 101, pp. 823-828 C143 BICKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C144 BICKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C145 BOONEY et al., 1998, "Two demonstration of subcellular localization of anti-transferrin receptor monoclonal artibody-colloid		C133	BARRON et al., 1994, "Alternatively spiced mRNAs encoding soluble isoforms of the erythropoietin receptor	
C135 BAZAN, 1989, "A novel family of growth factor receptors: a common binding domain in the growth hormone, prolactin, erythropoletin and IL-6 receptors, and the p75 IL-2 receptor beta-chain," Biochem. Biophys. Res. C136 BELAYEV et al., 1996, "Quantitative evaluation of blood-brain barrier permeability following middle cerebral artery occlusion in rats." Brain Research 739:88-96 C137 BENT et al., 1993, "The WS motif common to ν-myd and members of the cytokine receptor superfamily is dispensable for myeloproliferative leukemia virus pathogenicity," Oncogene 8:787-790 C138 BENY C1 et al., 1993, "The WS motif common to ν-myd and members of the cytokine receptor superfamily is dispensable for myeloproliferative leukemia virus pathogenicity," Oncogene 8:787-790 C139 BENALO et al., 1999, "Expession of erythropoletin receptor by trophoblast cells in the human placenta", Biol. Reproduct. 60:861-870 BERNAUDIN et al., 2003, "Determination of the energetics governing the regulatory step in growth hormone-induced receptor homodimerization," PNAS Vol. 100(3):952-57 C140 BERNAUDIN et al., 2000, "Neurons and astrocytes express EPO mRNA; oxygen-sensing mechanisms that involve the redox-state of the brain", Clid. 30:271-278 C141 BESARAB et al., 1998, "The effects of normal as compared with low homatocrit values in patients with cardiac disease who are receiving hemodiallysis and epoletin." New England Journal of Medicine 33(9):584-390 C142 BIANCHI et al., 2004, "Erythropoletin both protects from and reverses experimental diabetic neuropathy, PNAS, Vol. 101, pp. 823-828 C143 BICKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C144 BICKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C145 BOADO et al., 1998, "Prove demonstration of subcellular localization of anti-transferrin receptor monoclonal antibody-colloidal gold conjugate in brain		C134	BASKAYA et al., 1997, "The biphasic opening of the blood-brain barrier in the cortex and hippocampus	
Commun. [64(2):788-795 C13a BELAVEV et al., 1996, "Quantitative evaluation of blood-brain barrier permeability following middle cerebral artery occlusion in rats," Brain Research 739:88-96 C137 BENT et al., 1993, "The Wis motif common to *mpd and members of the cytokine receptor superfamily is dispensable for myeloproliferative leukemia virus pathogenicity," Oncogene 8:787-790 C138 BENVO et al., 1999, "Expession of erythropoteit neceptor by trophoblast cells in the unann placenta", Biol. Reproduct. 60:861-870 BERNAUT et al., 2003, "Determination of the energetics governing the regulatory step in growth hormone-induced receptor homeodimerization," PNAS Vol. 100(3):932-57 C140 BERNAUDIN et al., 2000, "Neurors and astrocytes express EPO mRNA: oxygen-sensing mechanisms that involve the redox-state of the brain", Clia 30:271-278 BESARAD et al., 1998, "The effects of normal as compared with low homatocrit values in patients with cardiac disease who are receiving hemodialysis and epotent." New England Journal of Medicine 339(9):584-500 C142 BIANCHI et al., 2004, "Epythropoteitin both protects from and reverses experimental diabetic neuropathy, PNAS, Vol. 101, pp. 823-828 BIGKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C143 BICKEL et al., 1994, "Prov demonstration of subcellular localization of anti-transferrin receptor monoclonal antibody-colloidal gold conjugate in brain capillary endothelium. J Histochem Cytochem, Vol. 42(11):1493-7 BOADO et al., 1998, "Toy delivery of antisense molecules to the brain for treatment of Alzheimer's disease and ecerbral AIDS. J Pharma Sci. Vol. 87(11):1308-15. C146 BOCRE Ard GOLDBERGO, 2001, "Cytokine receptor dimerization and activation: prospects for small molecule agonists," Bioorg, & Med. Chem., 9:557-562 C147 BOCRO EVITCH, 2004, "An update on the cardiac effects of crythropoietin cardioprotection by crythropoietin and the lessons learnt from studies in neuroprotection," Cardiovascular R		C135	BAZAN, 1989, "A novel family of growth factor receptors; a common binding domain in the growth hormone	_
ctian arrey occlusion in rats." Brain Research 739:88-96 ctian BENT et al., 1993, "The Ws motif common to *mpl and members of the cytokine receptor superfamily is dispensable for myeloproliferative leukemia virus pathogenicity," Oncogene 8:787-790 ctian BENYO et al., 1999, "Expession of erythropoletin receptor by rophoblast cells in the human placenta", Biol. Reproduct. 60:861-870 ctian BERNAU et al., 2003, "Determination of the energetics governing the regulatory step in growth hormone-induced receptor homodimerization," PNAS Vol. 100(3):952-57 ctian BERNAUDIN et al., 2000, "Neurons and astrocytics express EPO mRNA: oxygen-sensing mechanisms that involve the redov-state of the brain", Clia 30:271-278 discovered by the redov-state of the brain", Clia 30:271-278 discovered by the redov-state of the brain", Clia 30:271-278 discovered by the redov-state of the brain", Clia 30:271-278 discovered by the redov-state of the brain", Clia 30:271-278 discovered by the redov-state of the brain", Clia 30:271-278 discovered by the redov-state of the brain stronger of the redov-state of the brain stronger of the redov-state of the brain", PNAS vol. 101, pp. 32:3-32. discovered by the redov-state of the brain stronger of the redov-state of the protects from and reverses experimental diabetic neuropathy, PNAS, vol. 101, pp. 32:3-32. discovered by the redov-state of the protects from and reverses experimental diabetic neuropathy, PNAS, vol. 101, pp. 32:3-32. discovered by the redov-state of the protects from and reverses experimental diabetic neuropathy, PNAS, vol. 101, pp. 32:3-32. discovered by the redovered			Commun. 164(2):788-795	
C133 BENTE et al., 1993, "The WS motif common to *motif and members of the cytokine receptor superfamily is dispensable for myeloproliferative leukemia virus pathogenicity," Oncogene 8:787-790 C138 BENYO et al., 1999, "Expression of erythropoletin receptor by trophoblast cells in the human placenta", Biol. Reproduct. 60:861-870 C139 BERNAT et al., 2003, "Determination of the energetics governing the regulatory step in growth hormone-induced receptor homodimerization," PNAS Vol. 10(3):9325-577 C140 BERNAUDIN et al., 2000, "Neurons and astrocytes express EPO mRNA; oxygen-sensing mechanisms that involve the redox-state of the brain", Clila 30:271-278 C141 BESARAB et al., 1998, "The effects of normal as compared with low hormatocrit values in patients with cardiac disease who are receiving hemodialysis and epoletin." New England Journal of Medicine 339(9):584-590 C142 BIANCH et al., 2004, "Erythropoletin both protects from and reverses experimental diabetic neuropathy, PNAS, Vol. 101, pp. 823-828 C143 BICKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C144 BICKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C145 BICKEL et al., 1994, "Pn'vo demonstration of subcellular localization of anti-transferrin receptor monochonal antibody-colloidal gold conjugate in brain capillary endothelium. J Histochem Cytochem. Vol. 42(11):193-7 C145 BOADO et al., 1998, "Prov gedivery of antisense molecules to the brain for treatment of Alzhcimer's disease and ecrebral AIDS. J Pharm Sci. Vol. 87(11):1308-15. C146 BOCKEY ATM and GOLDBERGE, 2001, "Cytokin terceptor function and activation: prospects for small molecule agonists," Bioorg, & Med. Chem., 9:557-562 C147 BOCOVEYTICH, 2004, "An update or the cardiac effects of cythropoietin cardioprotection by cythropoietin and the lessons learnt from studies in neuroprotection," Cardiovascular Research, Vol. 63, p		C136	artery occlusion in rats," Brain Research 739:88-96	
C138 BENYO et al., 1999, "Expression of erythropoletin receptor by trophoblast cells in the human placenta", Biol. Reproduct. 60:861-870 C139 BERNAT et al., 2003, "Determination of the energetics governing the regulatory step in growth hormone-induced receptor homodimerization," PNAS Vol. 100(3):9525-577 C140 BERNAUDIN et al., 2000, "Neurons and astrocytes express EPO mRNA: oxygen-sensing mechanisms that involve the redox-state of the brain", (Ilia 30:271-278 C141 BESARAB et al., 1998, "The effects of normal as compared with low hormatocrit values in patients with cardiac disease who are receiving hemodialysis and epoletin." New England Journal of Medicine 339(9):584-590 C142 BIANCHI et al., 2004, "Erythropoletin both protects from and reverses experimental diabetic neuropathy, PNAS, Vol. 101, pp. 823-828 C143 BICKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C144 BICKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C145 BICKEL et al., 1994, "Two demonstration of subcellular localization of anti-transferrin receptor monochonal antibody-colloidal gold conjugate in brain capillary endothelium. J Histochem Cytochem. Vol. 42(11):193-7 C145 BOADO et al., 1998. "Proy gelivery of antisense molecules to the brain for treatment of Alzhcimer's disease and ecrebral AIDS. J Pharm Sci. Vol. 87(11):1308-15. C146 BOGEN AND COLD STATES (2001, "Cytokine receptor dimerization and activation: prospects for small molecule agonists," Bioorg. & Med. Chem., 9:557-562 C147 BOGOVENTICH, 2004, "An update or the cardiac effects of crythropoietin cardioprotection by crythropoietin and the lessons learnt from studies in neuroprotection," Cardiovascular Research, Vol. 63, pp. 208-16 BOINSEL et al., 1993 "Trythropoietin structure-function relationships," J. Biol. Chem. (26:8(21):15983-15993 C149 BONSEL et al., 1993 "Trythropoietin structure-function relationsh		C137	BENIT et al., 1993, "The 'WS motif' common to y-mpl and members of the cytokine recentor superfamily is	
C130 BERNAT et al., 2003, "Determination of the energetics governing the regulatory step in growth hormone- induced receptor homodimerization," PNAS Vol. 10(3):9352-57 C140 BERNAUDIN et al., 2000, "Neurons and astrocytes express EPO mRNA; oxygen-sensing mechanisms that involve the redox-state of the brain", Cilia 30271-278 C141 BESARAB et al., 1998, "The effects of normal as compared with low homatocrit values in patients with cardiac disease who are receiving hemodialysis and epoletin." New England Journal of Medicine 339(9):584- 590 C142 BIANCH et al., 2004, "Erythropoietin both protects from and reverses experimental diabetic neuropathy, PNAS, Vol. 101, pp. 823-828 BISCRE Let al., 1903, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C144 BICKEL et al., 1994, "Pn'two demonstration of subcellular localization of anti-transferrin receptor monoclonal antibody-colloidal gold conjugate in brain capillary endothelium. J Histochem Cytochem, Vol. 42(11):1493-7 C145 BOADO et al., 1998, "Prov gelievery of antisense molecules to the brain for treatment of Alzhcimer's disease and cerebral AIDS. J Pharm Sci. Vol. 87(11):1308-15. C146 BOGEN AND GOLD ("Syloshine receptor dimerization and activation: prospects for small molecule agonists," Bioorg, & Med. Chem., 9:557-562 C147 BOGEN STITCH, 2004, "An update on the cardiac effects of crythropoietin cardioprotection by erythropoietin and the lessons learnt from studies in neuroprotection," Cardiovascular Research, Vol. 63, pp. 208-16 BONSE Let al., 1993 "Erythropoietin structure-function relationships," J. Biol. Chem. pp. 1809-1809 St. 1909, "Propropietin structure-function relationships," J. Biol. Chem. pp. 1809-1809 St. 180		C138	BENYO et al., 1999, "Expression of erythropoietin receptor by trophoblast cells in the human placenta", Biol.	
C140 BERNAUDIN et al., 2000, "Neurons and astrocytes express EPO mRNA; oxygen-sensing mechanisms that involve the redox-state of the brain", Cilia 30271-278 E141 BESARAB et al., 1998, "The effects of normal as compared with low hematocrit values in patients with cardiac disease who are receiving hemodialysis and epoletin." New England Journal of Medicine 339(9):584-590 E142 BIANCHI et al., 2004, "Erythropoietin both protects from and reverses experimental diabetic neuropathy, PNAS, Vol. 101, pp. 823-828 E143 BICKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 E144 BICKEL et al., 1994, "In vivo demonstration of subcellular localization of anti-transferrin receptor monochonal antibody-colloidal gold conjugate in brain capillary endothelium. J Histochem Cytochem, Vol. 42(11):193-7 E145 BOADO et al., 1998, "Prov gedievery of antibenses molecules to the brain for treatment of Alzhcimer's disease and cerebral AIDS. J Pharm Sci. Vol. 87(11):1308-15. E146 BOGEN ENDOS PROVITCH, 2004, "An update or the cardiac effects of crythropoietin cardioprotection by erythropoietin and the lessons learnt from studies in neuroprotection," Cardiovascular Research, Vol. 63, pp. 208-16. E148 BONSEL et al., 1993 "Erythropoietin structure-function relationships," J, Biol. Chem. 268(21):15993-15993 E149 BONSEL et al., 1993 "Erythropoietin structure-function relationships," J, Biol. Chem. 1998 port of megakaryocytic common precursor cell line (BI647) expressing both c-mpl and crythropoietin receptor (Fpor R) proliferates and modifies globin chain synthesis in response to megakaryocyte growth and development factor (MIGDF) but not to erythropoietin from its to the megakaryocyte common precursor cell line (BI647) expressing both c-mpl and crythropoietin receptor (Fpor R) proliferates and modifies globin chain synthesis in response to megakaryocyte growth and development factor (MIGDF) but not to erythropoietin from its L. Hemard.		C139	BERNAT et al., 2003, "Determination of the energetics governing the regulatory step in growth hormone-	
C141 BESARAB et al., 1998, "The effects of normal as compared with low hematocrit values in patients with cardiac disease who are receiving hemodialysis and epoletin." New England Journal of Medicine 339(9):584-590 C142 BIANCHI et al., 2004, "Erythropoietin both protects from and reverses experimental diabetic neuropathy, PNAS, Vol. 101, pp. 823-828 C143 BICKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C144 BICKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C144 BICKEL et al., 1994, "Pn vivo demonstration of subcellular localization of anti-transferrin receptor monochonal antibody-colloidal gold conjugate in brain capillary endothelium. J Histochem Cytochem, Vol. 42(1):193-7 C145 BOADO et al., 1998, "Prov gedievery of antiboses molecules to the brain for treatment of Alzhcimer's disease and cerebral AIDS. J Pharm Sci. Vol. 87(11):1308-15. C146 BOCHE AND GOLD EXPENDING COUNTY (Sci. 1994) Expendition and activation: prospects for small molecule agonists," Bioorg, & Med. Chem., 9:557-562 C147 BOCHEVITCH, 2004, "An update or the cardiac effects of crythropoietin cardioprotection by erythropoietin and the lessons learnt from studies in neuroprotection," Cardiovascular Research, Vol. 63, pp. 208-16 DOISSEL et al., 1993 "Erythropoietin structure-function relationships," J. Biol. Chem. Vol. 268(21):15983-15993 SONS et al., 1997, "An erythroid and megakaryocytic common precursor cell line (BIG47) expressing both c-mpl and crythropicitin receptor (Fpor R) proliferates and modifies globin chain synthesis in response to megakaryocyte growth and development factor (MCDF) but not to erythropicin from 18 to 14 Hematol		C140	BERNAUDIN et al., 2000, "Neurons and astrocytes express EPO mRNA; oxygen-sensing mechanisms that	_
cardiac disease who are receiving hemodialysis and epoteitn." New England Journal of Medicine 339(9):584-590 C142 BIANCHI et al., 2004, "Erythropoteitin both protects from and reverses experimental diabetic neuropathy, PNAS, Vol. 101, pp. 823-828 C143 BICKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C144 BICKEL et al., 1994, "In vivo demonstration of subcellular localization of anti-transferrin receptor monoclonal antibody-coloidal gold conjugate in brain capillary endothelium. J Histochem Cytochem. Vol. 42(11):1493-7 C145 BOADO et al., 1998, "Drug delivery of antisense molecules so the brain for treatment of Alzheimer's disease and ecrebral AIDS. J Pharm Sci. Vol. 87(11):1308-15. BOURS and GOLDBERG, 2001. "Cytokine receptor dimerization and activation: prospects for small molecule agonists," Bloong. & Med. Chem., 9:557-562 C147 BOGOS PVICTE, 2004, "An update on the cardiac effects of crythropoletin cardioprotection by erythropoletin and the lessons learnt from studies in neuroprotection," Cardiovascular Research, Vol. 63, pp. 208-16 C148 BOISSEL et al., 1993 "Erythropoletin structure-function relationships,", Bloth Chem. Vol. 268(1):15983-15993 C149 BONSE et al., 1997. "An crythroid and megakaryocytic common precursor cell line (B1647) expressing both cmpl and crythropoletin receptor (Fp.oR) proliferates and modifies globin chain synthesis m response to megakaryocyte growth and development fiscor (MOEF) but not to erythropoletin from it for the megalanyocyte growth and development factor (MOEF) but not to erythropolicin from it for the megalanyocyte growth and development factor (MOEF) but not to erythropolicin from it for the megalanyocyte growth and development factor (MOEF) but not to erythropolicin from it for the megalanyocyte growth and development factor (MOEF) but not to erythropolicin from it for the megalanyocyte growth and development factor (MOEF) but not to erythropolicin from it for the megalan		0141	Involve the redox-state of the brain", Glia 30:271-278	
PNAS, Vol. 101, pp. 823-828 C143 BICKEL et al., 1993, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C144 BICKEL et al., 1994, "Pharmacologic effects in vivo in brain by vector-mediated peptide drug delivery," Proc Natl Acad Sci USA 90:2618-22 C144 BICKEL et al., 1994, "Prov demonstration of subcellular localization of anti-transferrin receptor monoclonal antibody-colloidal gold conjugate in brain capillary endothelium. J Histochem Cytochem, Vol. 42(11):1903-7 C145 BOADO et al., 1998, "Prog delivery of antibenses molecules to the brain for treatment of Alzhcimer's disease and cerebral AIDS. J Pharm Sci. Vol. 87(11):1308-15. C146 BOCHER and GOLDBERG, 2001, "Vyotkine receptor dimerization and activation: prospects for small molecule agonists," Bioorg, & Med. Chem., 9:557-562 C147 BOGOVPTICH, 2004, "An update or the cardiac effects of crythropoietin cardioprotection by crythropoietin and the lessons learnt from studies in neuroprotection," Cardiovascular Research, Vol. 63, pp. 208-16 C148 BOISSEL et al., 1993 "Erythropoietin structure-function relationships," J. Biol. Chem. (26:821):15983-15993 C149 BONSE et al., 1997, "An crythroid and megakaryocytic common precursor cell line (B1647) expressing both c-mpl and crythropicitin receptor (Fp.oR) proliferates and modifies globin chain synthesis in response to megakaryocyte growth and development factor (MGDF) but not to erythropicin file (Fig.) "R. H. Hengrad		C141	cardiac disease who are receiving hemodialysis and epoietin," New England Journal of Medicine 339(9) 584-	
Natl Acad Sci USA 90:2618-22		C142	PNAS, Vol. 101, pp. 823-828	
antibody-colloidal gold conjugate in brain capillary endothelium. J Histochem Cytochem. Vol. 42(11):1493-7 C155 BOADO et al., 1998. "Prog delivery of antibense molecules to the brain for treatment of Alzhcimer's disease and cerebral AIDS. J Pharm Sci. Vol. 87(11):1308-15. C146 BOCRE AND GOLD EREGO 2001. "Vyotkine receptor dimerization and activation: prospects for small molecule agonists," Bioorg. & Med. Chem., 9:557-562 C147 BOGON EVITCH, 2004. "An update on the cardiac effects of crythropoietin cardioprotection by crythropoietin and the lessons learnt from studies in neuroprotection," Cardiovascular Research, Vol. 63, pp. 208-16 C148 BOISSEL et al., 1993 "Erythropoietin structure-function relationships," J. Biol. Chem. Vol. 268(21):15983-15993 C149 BONSE et al., 1997. "An crythroid and megakaryocytic common precursor cell line (Bl647) expressing both c-mpl and crythropoietin receptor (Fp.o-R) proliferates and modifies globin chain synthesis in response to megakaryocyte growth and development factor (MGDF) but not to erythropoietin from "R + Hemand		C143	Natl Acad Sci USA 90:2618-22	
C145 BOADO et al., 1998, "Drug delivery of antisense molecules to the brain for treatment of Alzhcimer's disease and cerebral ADIS. J Pharm Sci. Vol. 87(11):1308-15. C146 BOGER and GOLDBERG, 2001, "Cytokine receptor dimerization and activation: prospects for small molecule agonists," Bioog., & Med. Chem., 9:557-562 C147 BOGONFNITCH, 2004, "An update on the cardiac effects of crythropoietin cardioprotection by crythropoietin and the lessons learnt from studies in neuroprotection," Cardiovascular Research, Vol. 63, pp. 208-16 C148 BOISSEL et al., 1993 "Erythropoietin structure-function relationships," J. Biol. Chem. Vol. 268(2):15983-15993 C149 BONSI et al., 1997, "An crythroid and megakaryocytic common precursor cell line (B1647) expressing both c-mpl and crythropoietin receptor (Fp.o-R) proliferates and modifies globin chain synthesis in response to megakaryocyte growth and development factor (MGDF) but not to erythropoietin (Fp.o) "Br. I. Hemparal		C144	antibody-colloidal gold conjugate in brain capillary endothelium. J Histochem Cytochem Vol 42(11):1493-7	
C146 BOGER and GOLDBERG, 2001, "Cytokine receptor dimerization and activation: prospects for small molecule agonists," Biong. & Med. Chem., 9:557-562 C147 BOGOVENTEH, 2004, "An update on the cardiac effects of crythropoietin cardioprotection by crythropoietin and the lessons learnt from studies in neuroprotection," Cardiovascular Research, Vol. 63, pp. 208-16 C148 BOISSEL et al., 1993 "Erythropoietin structure-function relationships," J. Biol. Chem. Vol. 268(2):15983-15993 C149 BONSI et al., 1997, "An crythroid and megakaryocytic common precursor cell line (B1647) expressing both c-mpl and crythropoietin receptor (Fp.o-R) proliferates and modifies globin chain synthesis in response to megakaryocyte growth and development factor (MGDF) but not to erythropoietin (Fp.o) "Br. I. Hemparal		C145	BOADO et al., 1998, "Drug delivery of antisense molecules to the brain for treatment of Alzhcimer's disease and cerebral AIDS. J Pharm Sci. Vol. 87(11):1308-15.	
C147 BOGOVEVITCH, 2004. "An update on the cardiac effects of crythropoietin cardioprotection by crythropoietin and the lessons learnt from studies in neuroprotection," Cardiovascular Research, Vol. 63, pp. 208-16 C148 BOISSEL et al., 1993 "Erythropoietin structure-function relationships," J. Biol. Chem. Vol. 258(2):15983-15993 C149 BONSI et al., 1997. "An crythroid and megakaryocytic common precursor cell line (B1647) expressing both c-mpl and crythropoietin receptor (Fp.o-R) proliferates and modifies globin chain synthesis in response to megakaryocyte growth and development factor (MGDF) but not to erythropoietin (Fp.o.) " Rr. I. Hemparal		C146	BOGER and GOLDBERG, 2001, "Cytokine receptor dimerization and activation: prospects for small	
C148 BOISSEL et al., 1993 "Erythropoietin structure-function relationships," J. Biol. Chem. Vol. 268(21):15983- 15993 C149 BONSI et al., 1997. "An erythroid and megakaryocytic common precursor cell line (B1647) expressing both c- mpl and erythropoietin receptor (Fpo-R) proliferates and modifies globin chain synthesis un response to megakaryocyte growth and development factor (MGDF) but not to erythronoietin (Fpo) " Rr. I. Heematal		C147	BOGOYEVITCH, 2004, "An update on the cardiac effects of crythropoietin cardioprotection by crythropoietin	
C149 BONSI et al., 1997. "An erythroid and megakaryocytic common precursor cell line (B1647) expressing both c- mpl and erythropoictin receptor (Fpo-R) proliferates and modifies globin chain synthesis un response to megakaryocyte growth and development factor (MGDF) but not to erythropoictin (Fpo)." Rr. I. Haematal		C148	BOISSEL et al., 1993 "Erythropoietin structure-function relationships," J. Biol. Chem. Vol. 268(21):15983-	_
		C149	BONSI et al., 1997, "An erythroid and megakaryocytic common precursor cell line (B1647) expressing both c- mpl and erythropoietin receptor (Fpo-R) proliferates and modifies globin chain synthesis in response to megakaryocyte growth and development factor (MGDF) but not to erythropoietin (Fpo). "Br. I Haemand	

EN	A	М	IN	E	R
NEW	1	122	6.1	07	

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) ATTY DOCKET NO APPLICATION NO 10165-037-999 10/520,140 APPLICANT Brines et al. FUNGO DATE ARTUNIT

January 3, 2005

BOUDOT et al., 1999, "Erythropoietin induces glycosylphosphatidylinositol hydrolysis. Possible involvement of phospholipase c-gamma(2)," J. Biol. Chem. 274(48):33966-33972
BRIGGS et al., 1974, "Hepatic Clearance of Intact and Desialylated Erythropoietin," Am. J. Physiol., 227(6):1385-1388.
BRINES et al., 2004, "Erythropoietin mediates tissue protection through an erythropoietin and common β- subunit heteroreceptor," PNAS, Vol. 101(41):14907-14912
BRIZZI et al., 1991, "Hematopoietic growth factor receptors," Int. J. Cell. Cloning 9:274-300
BRUNEVAL et al., 1993, "Erythropoietin Synthesis by Tumor Cells in a Case of Meningioma Associated With Erythrocytosis," Blood, 81(6):1593-1597.
BUEMI et al., 2002, "Recombinant human erythropoietin influences revascularization and healing in a rat model of random ischaemic flaps," Acta Derm. Venerol. 82:411-417
BUNDGAARD and MOLLER, 1981, "Horseradish peroxidase and microperoxidase. Their purity and binding to serum proteins," J. Histochem. Cytochem. 29(3):331-336
CALVILLO et al., 2003, "Recombinant human erythropoietin protects the myocardium from ischemia- reperfusion injury and promotes beneficial remodeling," Proc. Nat. Acad. Sci. USA 100:4802-6
CAMISCOLI et al., 1968, "Comparative Assay of Erythropoietin Standards," Annals New York Acad. Sci., 149:40-45.
CARAVELLA et al., 1996, "A partial model of the erythropoietin receptor complex," Proteins 24:394-401
CARDIN et al., 2003, "Evolution of the atrial fibrillation substrate in experimental congestive heart failure: angiotensin-dependent and -independent pathways," Cardiovasc Res. 60(2): 315-325
CERNEUS and VAN DER ENDE, 1991, "Apical and basolateral transferrin receptors in polarized BeWo cells recycle through separate endosomes," J Cell Biol. 114(6):1149-1158.
CHIN et al., 2000, "Production and processing of erythropoietin receptor transcripts in brain," Mol. Brain Res. 81: 29-42
CLAUS-WALKER et al., 1984, "Spinal Cord Injury and Serum Erythropoietin," Arch. Phys. Med. Rehabil., 65:370-374.
COTES et al., 1961, "Bio-Assay of Erythropoietin in Mice Made Polycythaemic By Exposure to Air at a Reduced Pressure," Nature, 191:1065-1067.
COTES et al., 1966, "The International Reference Preparation of Erythropoietin," Bull. Org. mond. Sante, 35:751-760.
COTES, 1968, "Quantitative Estimation of Erythropoietin," Part I. Assay and Standardization of Erythropoietin, Annals New York Acad. Sci., 149:12-17.
CUNNINGHAM and WELLS, 1989, "High-resolution epitope mapping of hGH-receptor interactions by alanine-scanning mutagenesis," Science 244:1081-1085
D'ANDREA and GONDA, 2000, "A model for assembly and activation of the GM-CSF, IL-3 and IL-5 receptors: insights from activated mutants of the common beta subunit," Exp. Hematol. 28(3):231-243
D'ANDREA et al., 1998, "Dysregulated hematopoiesis and a progressive neurological disorder induced by expression of an activated form of the human common beta chain in transgenic mice," J. Clin. Invest. 102(11):1951-1960
D'ANDREA and ZON, 1990, "Erythropoietin receptor. Subunit structure and activation," J. Clin. Invest. 86(3):681-687
DALE et al., 2002, "Stimulated platelets use scrotonin to enhance their retention of procoagulant proteins on the cell surface," Nature 415:175-179
DAME et al., 2001. "The biology of erythropoietin in the central nervous system and its neurotrophic and

E	X	A	М	Ľ	NE	R
N	١	14	120	8	19	70

(Use several sheets if necessary

ATTY: DOCKET NO.	APPLICATION NO	
10165-037-999	10/520,140	
APPLICANT		
Brines et al.		
FILING DATE	ART UNIT	
January 3, 2005	1647	

		-
C173	DEGUCHI et al., 1999, "Retention of biologic activity of human epidermal growth factor following	
10.75	conjugation to a blood-brain barrier drug delivery vector via an extended poly(ethylene glycol) linker."	
	Bioconjug Chem. 10(1):32-37	
C174	DEL MASTRO and VENTURI, 1998, "Strategies for the use of epoetin alfa in breast cancer patients," The	
	Oncologist 3:314-318	
C175	DENIZOT and LANG, 1986, "Rapid colorimetric assay for cell growth and survival - Modifications to the	
 	tetrazofium dye procedure giving improved sensitivity and reliability," J. Immunol. Meth. 89:271-277	
C176	DIAZ-BRINTON and YAMAZAKI, 1998, "Advances and challenges in the prevention and treatment of	
 	Alzheimer's disease," Pharm. Res. 15(3):386-98	
C177	DIETRICII et al., 1993, "Microvascular and neuronal consequences of common carotid artery thrombosis and	
 _	platelet embolization in rats," J. Neuropathol. Experimental Neurol. 52(4):351-360	
C178	DISPERSYN et al. 1999, Cardiomyocyte remodelling during myocardial hibernation and atrial fibrillation: prelude to apoptosis. Cardiovasc. Res. 43(4): 947-957	
 	DOBBIN et al., 1989, "Transient blood-brain barrier permeability following profound temporary global	
C179	ischaemia: An experimental study using ¹⁴ C-AlB," J. of Ccrebral Blood Flow Metabolism 9:71-78	
 	DONG et al., 1992, "Receptor binding of asialoerythropoietin," J. Cell. Biochem. 48(3):269-276	
C180		
C181	DORDAL et al., 1985, "The Role of Carbohydrate in Erythropoietin Action," Endocrinol., 116(6):2293-2299.	
C182	DOX et al., 1993, "The Harper Collins Illustrated Medical Dictionary," Harper Collins Publishers, Inc. New	
	York, 1993	
C183	DUBE et al, 1988, "Glycosylation at Specific Sites of Erythropoietin is Essential for Biosynthesis, Secretion,	
 	and Biological Function," J. Biol. Chem., 263(33):17516-17521.	
C184	ECKART, 2002, "Anaemia of critical illness-implications for understanding and treating rHuEPO	
 	resistance," Nephrol Dial Transplant 17, Suppl 5, pp. 48-55	
C185	EGRIE and BROWNE, 2001, "Development and characterization of novel erythropoiesis stimulating protein	
 	(NESP)," Nephrol. Dial. Transplant 16 (suppl. 3):3-13	
C186	EHRENREICH, 2004, "Erythropoietin: a candidate compound for neuroprotection in schizophrenia,"	
 	Molecular Psychiatry, 9:42-54	
 C187	EHRENREICH, 2004 "A boost for translational neuroscience," Science, Vol. 305:184-185	
C188	ELLIOTT et al., 1997, "Mapping of the active site of recombinant human erythropoietin," Blood 89(2):493-	
	502	
C189	EMIR, 2004, "Erythropoietin on bcl-2 gene expression in rat cardiac myocytes after traumatic brain injury,"	
 	Transplantation Proceedings, Vol. 36, pp. 2935-2938	
C190	ERBAYRAKTAR et al., 2003, "Asialoerythropoietin is a nonerythropoietic cytokine with broad	
 	neuroprotective activity in vivo," Proc. Natl. Acad. Sci. U. S. A. 100(11):6741-6	
C191	EUR. PHARMACOPOEIA, 1997, Sainte-Ruffinc, France, Maisonneuve p. 5.	
C192	EUR. PHARMACOPOEIA, Strasbourg, Council of Europe, Suppl. 2001, pp. 777-782.	
 C193	FARRELL et al., 2001, "Erythropoietin crosses the blood brain barrier", Blood 98:148b (abstr. # 4265; 43rd	-
	Annual Meeting of the American Society of Hematology, Orlando FL, Dec. 7-11, 2001)	
 C194	FARUKI and KISS, 1995, "Erythropoietin, transfusion medicine update, The Institute for Transfusion	
 	Medicine, path.upmc.edu/consult/ria/july 1995.html	
C195	FEIGIN et al., 2002, "Recent advances in Huntington's disease: implications for experimental therapeutics,"	
	Curr. Opin. Neurol. 15(4):483-489	
C196	FISHBEIN et al. 1981, "Early phase acute myocardial interct size quantification: validation of the triphenyl	-
	tetrazolium chloride tissue enzyme staining technique," Am. Heart Journal 101(5): 593-600	
C197	FORESTA et al., 1994, "Erythropoietin stimulates testosterone production in man," J. Clin. Endocrinol.	
 _	Metabol. 78(3):753-756	

EXAMINER NYI-4228197v1

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	ATTY DOCKET NO.	APPLICATION NO	
	10165-037-999	10/520,140	
LIST OF REFERENCES CITED BY APPLICANT	APPLICANT		
(Use several sheets if necessary	Brines et al.		
	FILING DATE	ARTUNIT	
	January 3, 2005	1647	

C198	FRANK, 2002, "Minireview: Receptor dimerization in GH and erythropoletin actionit takes two to tango, but how?" Endocrinology 143(1):2-10	
C199	FRESHNEY, 1983, "Culture of animal cells," A Manual of Basic Technique, A R. Liss, Inc. NY 1983, pp. 3-4	
C200	FRIDEN, 1996, "Utilization of an endogenous cellular transport system for the delivery of therapeutics across the blood-brain barrier," J. Controlled Release 46:117-28	
C201	FRIEDMAN et al., 1995, "Erythropoletin in diabetic macular edema and renal insufficiency," Am. J. Kidney Disease 26(1), pp. 202-208	
C202	FUKUDA et al., 1989, "Survival of Recombinant Erythropoietin in the Circulation: The Role of Carbohydrates," Blood, 73(1):84-89.	
C203	FUJITA et al., 1997, "Role of alternative splicing of the rat crythropoietin receptor gene in normal and crythroleukemia cells," Leukemia, 11 (Suppl. 3): 444-445	
C204	FUNG and GREENE, 1990, "The human interleukin-2 receptor: insights into subunit structure and growth signal transduction," Semin. Immunol. 2:119-128	
C205	GABRIEL et al., 1998, "High-dose recombinant human erythropoletin stimulates reticulocyte production in patients with multiple organ dysfunction syndrome," J. Trauma 44(2):361-367	
C206	GAERTNER et al., 1994, "Chemo-enzymic backbone engineering of proteins," J. Biol. Chem. 269(10):7224-7230	
C207	GARCIA et al., 1996, "Ischemic stroke and incomplete infarction," Stroke, Vol. 27(4):761-765	
C208	GARTHOFF, 1995, "Safety and Efficacy Testing of Hormones and Related Products," The Report and Recommendations of ECVAM Workshop 9, A.T.L.A., 23:699-711	
C209	GENBANK No. M59941, 1994 (Human GM-CSF Receptor β chain)	
C210	GOLDBERG et al., 2002, "Erythropoictin mimetics derived from solution phase combinatorial libraries," 1. Amer. Chem Soc. 124(4):544-555	
C211	GOLDWASSER et al., 1975, "Erythropoietin: Assay and Study of Its Mode of Action," Methods in Enzymology, Hormone Action Part B, Peptides Hornones, 1975 Academic Press, Vol. 28, pp. 109-121.	
C212	GOLDWASSER et al., 1974, "On the Mechanism of Erythropoietin-Induced Differentiation," XIII. The Role of Sialic Acid in Erythropoietin Action, J. Biol. Chem., 249(13):4202-4206.	
C213	GOLDWASSER et al., 1975, "An Assay for Erythropoietin in Vitro at the Milliunit Level," Endo., 97(2):315- 323.	
C214	GRASSO et al 2006, "Amelioration of spinal cord compressive injury by pharmacological preconditioning with erythropoietin and a nonerythropoietic erythropoietin derivative." J. Neurosurg. Spine 4(4):310-318	
C215	GREEN, 1998, "Clomethiazole (Zendra®) in acute ischemic stroke: Basic pharmacology and biochemistry and clinical efficacy," Pharmacol Ther. 80(2):123-147	
C216	GREENBERG et al. 1995, "Congestive heart failure and sleep apnoea-possible mechanisms and effect of CPAP therapy," J. Sleep Res. 4(S1): 130-134	
C217	GREGORY et al., 1999, "GATA-1 and erythropoietin cooperate to promote erythroid cell survival by regulating bcl-x _L expression", Blood 94:87-96	
C218	GRIMM et al., 2002, "HIF-1-induced crythropoietin in the hypoxic retina protects against light-induced retinal degeneration," Nature Medicine 8(7):718-724	
C219	GROTZINGER, 2002, "Molecular mechanisms of cytokine receptor activation," Biochim. Biophys. Acta. 1592:215-223	
 C220	GRUBER et al., 2002, "The thrombin mutant W215A/E217A shows safe and potent anticoagulant and antithrombotic effects in vivo," J. Biol. Chem. 277(31):27581-27584	
C221	GUNASEKAR et al., 2001, "Mechanisms of the apoptotic and necrotic actions of trimethyltin in cerebellar granule cells," Toxicological Sciences 64:83-89	
 C222	IIAMMOND et al., 1968, "Production, Utilization and Excretion of Frythropoietin: I. Chronic Anemias. II. Aplastic Crisis. III. Erythropoietic Effects of Normal Plasma," Annals NY Academy of Sciences 149:516-527.	-

EXAMINER NYI-4228197v1	DATE CONSIDERED

Brines et al.

FILING DATE ARTUNIT
January 3, 2005 1647

ATTY. DOCKET NO.

	C223	HANAZONO et al., 1995, "Erythropoietin induces tyrosine phosphorylation of the beta chain of the GM-CSF receptor," Biochem, Biophys, Res. Comm. 208(3):1060-1066	
	C224	HANCHER et al., 1974, "Recovery of Erythropoietin from Anemic Sheep Plasma," Biotechnology and	
	C.224	Bioengineering 16:1069-1079	
	C225	HANSEN, et al., 2000, "A randomized, blinded placebo controlled, phase II, dose-finding study of ARANESP	
		in patients with lymphoproliferative malignances," Blood, Vol. 96(11), pp. 155b, Abstr. 4371	
	C226	HARRIS et al. 1992, "Ligand binding properties of the human crythropoietin receptor extracellular domain	
		expressed in Escherichia coli," J. Biol. Chem. 267(21):15205-15209	
	C227	HARRIS et al., 2000, "Purification and characterization of yeast-expressed erythropoietin (R103A), an	
		erythropoietin antagonist," Blood 96(11, part 2):154b Abstract 4366	
	C228	HARRIS et al., 2001, "Characterization of the yeast-expressed erythropoietin mutant, Epo (R103A), a specific	
		inhibitor of human primary hematopoietic cell erythropoiesis," Blood, 98(11, part 1):77a Abstract 319	
	C229	HARRIS K.W., 2004, "Signal transduction in myeloid differentiation," Federal Research in Progress database,	
		FRP 03-05. ID No. 136456, Comp & Dist. By NTIS	
	C230	HASSAN and FREUND, 1995. "Review of megakaryoblastic cell lines -Characteristic biological features of	
		human megakaryoblastic leukaemia cell lines," Leuk. Res. 19(9):589-594	
	C231	HÖRKKÖ et al., 1992, "Carbamylation-induced alterations in low-density lipoprotein metabolism," Kidney Int.	
		41(5):1175-1181	
	C232	HORTON et al., 1991, "Von Hippel-Lindau Disease and Erythrocytosis: Radioimmunoassay of Erythropoietin	
		in Cyst Fluid From a Brainstem Hemangioblastoma," Neurology, 41:753-754.	
	C233	HUWYLER and PARDRIDGE, 1998, "Examination of blood-brain barrier transferrin receptor by confocal	THE COLUMN
		fluorescent microscopy of unfixed isolated rat brain capillaries," J. Neurochem. 70(2):883-886	
	C234	HUWYLER et al., 1997, "Receptor mediated delivery of daunomycin using immunoliposomes:	
		pharmacokinetics and tissue distribution in the rat," J Pharmacol Exp Ther. 282(3):1541-1546.	
	C235	IMADA et al., 1992, "Interleukin-2 (IL-2) induces erythroid differentiation and tyrosine phosphorylation in	
		ELM-I-1 cells transfected with a human 1L-2 receptor beta chain cDNA," Biochem. Biophys. Res. Commun.	
		188(1):352-357	
	C236	IMAI et al., 1990, "Physicochemical and Biological Characterization of Asialoerythropoietin," Eur. J.	
		Biochem., 194:457-462.	
	C237	ISEKI et al., 1996, "Increased risk of cardiovascular disease with erythropoietin in chronic dialysis patients,"	
		Nephron 72:30-36	
	C238	ITOH et al., 1990, "Cloning of an interleukin-3 receptor gene: a member of a distinct receptor gene family,"	
		Science 247:324-327	
	C239	JACOBS et al., 1985, "Isolation and characterization of genomic and cDNA clones of human erythropoietin,"	
***************************************		Nature 313(28):806-810	
	C240	JENKINS et al., 1999, "A cell type-specific constitutive point mutant of the common β-subunit of the human	
	1	granulocyte-macrophage colony-stimulating factor (GM-CSF), interleukin (IL)-3, and IL-5 receptors requires	
		the GM-CSF receptor α-subunit for activation," J. Biol. Chem. 274(13):8669-8677	
	C241	JIANG et al., 1996, "Delayed intravenous administration of basic fibroblast growth factor (bFGF) reduces	
		infarct volume in a model of focal cerebral ischemia/reperfusion in the rat," J.Neurological Sciences 139:173-	
-		179	
	C242	JONES et al., 1990, "Human crythropoietin receptor: cloning, expression, and biologic characterization,"	
	-	Blood 76(1):31-35	
	C243	JOOSS et al., 1996, "Cyclophosphamide diminishes inflammation and prolongs transgene expression	
		following delivery of adenoviral vectors to mouse liver and lung," Hum. Gene Ther. 7(13):1555-1566	
	1	LOSSE 4 1 1000 MI	

EXAMINER	
NYI-4228197v1	

group-selective labelling and site-directed mutagenesis," Chem. Biol. Interact. 119-120:71-78

(Use several sheets if necessary

ATTY: DOCKET NO 10165-037-999	APPLICATION NO. 10/520,140
APPLICANT Brines et al.	
FILING DATE January 3, 2005	ARTUNIT 1647

C245	JOSSE et al., 1999, "Tryptophan residue(s) as major components of the human serum paraoxonase active site,"	
 -	Chem. Biol. Interact. 119-120:79-84	
C246	JUBINSKY et al., 1996, "The β c component of the granulocyte-macrophage colony-stimulating factor (GM-	
1	CSF)/interleukin 3 (IL-3)/IL-5 receptor interacts with a hybrid GM-CSF/erythropoietin receptor to influence	
 	proliferation and β-globin mRNA expression," Mol. Med. 2(6):766-773	
C247	JUBINSKY et al., 1997, "The β chain of the interleukin-3 receptor functionally associates with the	
	erythropoietin receptor," Blood 90(5):1867-1873	
C248	JUUL et al., 1998, "Tissue distribution of erythropoietin and erythropoietin receptor in the developing human	
	fetus", Early Human Devel. 52(3):235-249	
C249	JUUL et al., 2001, "Recombinant crythropoietin (EPO) crosses the blood brain barrier (BBB) in preterm fetal	-
	sheep", Soc. for Neuroscience Abstracts 27(1):929 (31st Annual Meeting of the Society for Neuroscience, San	
	Diego, CA Nov. 10-15, 2001)	
C250	JUUL, S. 2002, "Erythropoietin in the central nervous system, and its use to prevent hypoxic-ischemic brain	
	damage," Acta Paediatr. Supp. 438:36-42	
C251	KANG et al., 1994, "Pharmacokinetics and saturable blood-brain barrier transport of biotin bound to a	
	conjugate of avidin and a monoclonal antibody to the transferrin receptor," Drug Metab. Dispos. 22(1):99-105	
 C252	KAWASAKI et al., 2001, "Structural analysis of sulfated N-linked oligosaccharides in erythropoietin,"	
C232	Glycobiology 11(12):1043-1049	
 C253	KAYE DM et al., 2003, Feasibility and short-term efficacy of percutaneous mitral annular reduction for the	
C233	therapy of heart failure-induced mitral regurgitation. Circulation 108:1795-1797	
 C254	KEIGHLEY, 1968, "Further Experiences with Assays, Units, and Standards of Erythropoietin," Annals New	
C234	York Acad. Sci., 149:18-24,	
C255	KESWANI et al., 2004, "A novel endogenous erythropoietin mediated pathway prevents axonal degeneration,"	
C255	Ann. Neurol. Vol. 56(6):815-826	
 5000	KIRITO et al., 2002, "Identification of the human erythropoietin receptor region required for Stat1 and Stat3	
C256	activation," Blood 99(1):102-110	
 +	SCHWARDIN, DIOUCHYNTY, DIOUCHY	
C257	KISHIMOTO and TAVASSOLI, 1987, "Transendothelial transport (transcytosis) of iron-transferrin complex in the rat liver," Am. J. Anat. 178:241-249.	
 +	in the rat liver, Am. J. Anat. 178:241-249.	
C258	KITAMURA et al., 1989, "Identification and analysis of human crythropoietin receptors on a factor-dependent cell	
 +	line, TF-1," Blood 73(2):375-80	
C259	KOHAMA et al., 2000, "Large Uterine Myoma with Erythropoietin Messenger RNA and Erythrocytosis,"	
 -	Obstetrics and Gynecology, 96(5):826-828.	
C260	KRAFTE-JACOBS et al., 1996, "Circulating erythropoietin and interleukin-6 concentrations increase in critically ill	
 +	children with sepsis and septic shock, "Crit. Care Med. 24(9):1455-1459	
C261	KUMRAL et al., 2004, "Erythropoietin improves long-term spatial memory deficits and brain injury following	
 	neonatal hypoxia-ischemia in rat," Behavioral Brain Rescarch, Vol. 153:77-86	
C262	KUROIWA et al., 1985, "The biphasic opening of the blood-brain barrier to proteins following temporary	
 	middle cerebral artery occlusion," Acta Neurophotalogica 68:122-129	
C263	LAI et al., 1996, "The molecular role of the common gamma subunit in signal transduction reveals functional	
	asymmetry within multimeric cytokine receptor complexes." Proc. Natl. Acad. Sci. USA 93:231-235	
C264	LEE et al. 1998, "Conditional lineage ablation to model human diseases," Proc. Natl. Acad. Sci. USA	
 1	95:11371-11376	
C265	LEITGEB et al., 1994, "Quality of life in chronic anemia of cancer during treatment with recombinant human	
	erythropoietin", Cancer, 73(10):2535-2542	
 C266	LEIST et al., 2004, "Derivatives of erythropoietin that are tissue protective but not erythropoietic," Science,	-
2.200	Vol. 305, pp. 239-242	ĺ
 C267	LEWIS et al., 1996, "Molecular characterization of the 7q deletion in myeloid disorders," Br. J. Haematol.	-
0.001	93:75-80	
		

XAMINER 51-4228197v1 D	DATE CONSIDERED
---------------------------	-----------------

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary HEING DATE January 3, 2005 APPLICATION NO. 10/520,140 APPLICANT Brines et al. ARTUNIT January 3, 2005 1647

C268	LEWIS et al., 2004, "Opposing effects of P13 kinase pathway activation on human myeloid and erythroid progenitor cell proliferation and differentiation in vitro," Exp. Hematol. 32:36-44
C269	LI et al., 1996, "Erythropoietin receptors are expressed in the central nervous system of mid-trimester human fetuses", Pediatr. Res. 40(3):376-380
C270	LINSLEY et al., 1994, "Applications of electrospray mass spectrometry to erythropoietin N- and O-linked glycans," Anal. Biochem. 219:207-217
C27I	LIU et al., 1994, "Multiple cytokines stimulate the binding of a common 145-kilodalton protein to Shc at the Grb2 recognition site of Shc." Mol. Cell. Biol. 14(10):6926-6935
C272	LIU et al., 1996, "Transgenic mice containing the human erythropoietin receptor gene exhibit correct hematopoietic and neural expression", Proc. Assoc. Am. Physicians 108(6):449-454
C273	LIVNAH et al., 1999, "Crystallographic evidence for preformed dimers of erythropoietin receptor before ligand activation," Science 283:987-990
C274	LOBERG et al., 1993, "Neuronal uptake of plasma proteins after transient cerebral ischemia/hypoxia," APMIS 101:777-783
C275	LOWY et al., 1960, "Inactivation of Erythropoietin by Neuraminidase and by Mild Substitution Reactions," Nature, 185:102-103.
C276	LU et al., 2005, "Erythropoietin enhances neurogenesis and restores spatial memory in rats after traumatic brain injury," J. of Neurotrauma, Vol. 22(9), pp. 1011-1017
C277	MAGNANTI et al., 2001, "Erythropoietin expression in primary rat Scrtoli and peritubular myoid cells," Blood 98(9):2872-2874
C278	MAITANI et al., 1996. "Oral administration of recombinant human erythropoietin in liposomes in rats: influence of lipid composition and size of liposomes on bioavailability", J. Pharm. Sci.; 85(4):440-45
C279	MASSAGUE, 1987, "The TGF-beta family of growth and differentiation factors," Cell 49:437-438
C280	MATSUYAMA et al., 2000, "Erythrocytosis Caused by an Erythropoietin-Producing Hepatocellular Carcinoma," J. Surg. Oncology, 75:197-202.
C281	MATTHEWS et al., 1996, "A sequential dimerization mechanism for erythropoietin receptor activation," Proc. Natl. Acad. Sci. USA 93:9471-9476
C282	McCLURE et al., 2001, "GM-CSF binding to its receptor induces oligomerisation of the common beta- subunit," Cytokine 13(4):240-243
C283	MEANS and KRANTZ, 1996, "Inhibition of human erythroid colony-forming units by interferons α and β: differing mechanisms despite shared receptor," Exp. Hematol. 24:204-208
C284	MENZIES and ELLIS, 1990 "Intestinal obstruction from adhesions – how big is the problem?, Ann. R. Coll. Surg. Engl. 72:60-63
C285	MENZIES et al., 1990, "Extravasation of albumin in ischaemia brain oedema," Acta Neurochirurgica, Suppl. 51:220-222
C286	MIONI et al., 1992, "Evidence for specific binding and stimulatory effects of recombinant human crythropoietin on isolated adult rat Leydig cells", Acta Endocrinologica 127:459-465
C287	MIU et al., 2004, "Have no fear, erythropoietin is here, erythropoietin protects fear conditioning performances after functional inactivation of the amygdala," Behavioral Brain Research, Vol. 155, pp. 223-229
C288	MIYAKE et al., 1977, "Purification of Human Erythropoietin," J. Biol. Chem., 252(15):5558-5564.
C289	MOGENSEN et al., 2004, Erythropoietin improves place learning in fimbria-fornix-transected rats and modifies the search pattern of normal rats," Pharmacology, Biochemistry and Behavior, Vol. 77:381-390
C290	MORELL et al., 1968, "Physical and Chemical Studies on Ceruloplasmin," Metabolic Studies on Sialic Acid- Free Ceruloplasmin In Vivo, J. Biol. Chem., 243(1):155-159.
C291	MUN and GOLPER, 2000, "Impaired biological activity of erythropoietin by cyanate carbamylation," Blood Purif. 18:13-17

EXAMINER
MWT 1229107-1

(Use several sheets if necessary

ATTY DOCKET NO. 10165-037-999	APPLICATION NO. 10/520,140
APPLICANT Brines et al.	
FILING DATE January 3, 2005	ARTUNII 1647

(C292	MURAKAMI et al., 1991, "Critical cytoplasmic region of the interleukin 6 signal transducer gp130 is conserved in the cytokine receptor family," Proc. Natl. Acad. Sci. USA 88(24):11349-11353	
(293	MURRAY, 1996, Harpers Illustrated Biochemistry 26th ed. pp. 524-526, McGraw-Hill Co.	
(C294	NAGAO et al., 1992, "Production and ligand-binding characteristics of the soluble form of murine erythropoietin receptor," Biochem. Biophys. Res. Comm. 188(2):888-897	
(295	NAKAMURA et al., 1998, "Elevated levels of erythropoietin in cerehrospinal fluid of depressed patients", Am. J. Med. Sci. 315(3):199-201	
C	296	NARANDA et al., 2002, "Activation of erythropoietin receptor through a novel extracellular binding site," Endocrinology 143(6):2293-2302	
(297	NATHAN, 1994, "Studies of hybrid hematopoietic growth factor receptors," Stem Cells 12 (Suppl 1):27-35	
(298	NESTLER et al., 1985, "Stimulation of rat ovarian cell steroidogenesis by high density lipoproteins modified with tetranitromethane," J. Biol Chem. 260(12):7316-21	
C	299	NIMTZ and CONRADT, 1993, "Characterization of a phosphorylated oligosaccharide from erythropoietin expressed in recombinant BHK cells," Glycoconj. J. 10(4):259, Abstr. S6.7	
(C300	NOGUCHI et al., 1991, "Cloning of the human erythropoietin receptor gene," Blood 78(10):2548-2556	
(2301	OHTA et al., 2001, "Selective glycopeptide mapping of erythropoietin by on-line high-performance liquid chromatography-electrospray ionization mass spectrometry," J. Chromatography A, 910:1-11	
(302	OKADA et al., 1996, "Erythropoietin stimulates proliferation of rat-cultured gastric mucosal cells", Digestion 57:328-332	
C	2303	OPITZ et al. 1995, "Arrhythmias and Death After Coronary Artery Occlusion in the Rat," Circulation. 92(2):253-261	
C	2304	OPITZ ct al. 1998, "Effects of reperfusion on arrhythmias and death after coronary artery occlusion in the rat: increased electrical stability independent of myocardial salvage," J. Am. Coll. Cardiol. 32(1): 261-267	
C	305	PAGE et al., 1996, "A sensitive human cell line based bioassay for megakaryocyte growth and development factor or thrombopoietin," Cytokine 8(1):66-69	
C	2306	PANTOLIANO et al., 1987, "Protein engineering of subtilisin BPN": Enhanced stabilization through the introduction of two cysteines to form a disulfide bond," Biochemistry 26:2077-2082	
C	2307	PARDRIDGE, 1998, "CNS drug design based on principles of blood-brain barrier transport." J Neurochem. 70:1781-92.	
	2308	PARK and HONG, 1997, "Development of an in vitro bioassay system for human thromhopoietin hy constructing a recombinant murine cell line expressing human thrombopoictin receptor," Mol. Cells. 7(6):699-704	
C	2309	PAZUR et al., 2000, "Oligosaccharides as immuno-determinants of erythropoietin for two sets of anti- carbohydrates antihodies," J. Protein Chem. Vol. 19(8):631-635	
(2310	PEDERSEN et al., 1995, "The interaction of beta 2-microglobulin (β 2m) with mouse class I major histocompatibility antigens and its ability to support peptide binding. A comparison of human and mouse beta 2m," Eur. J. Immunol. 25:1609-16	
C	2311	PENG et al., 2000, "HPLC/ESI MS and MALDI/TOF MS analysis of microheterogeneity of the N-linked oligosaccharides of recombinant human erythropoietin," Yao Xue Bao (Acta Pharmaccutica Sinica) 35(10):770-73(3) w/ English abstract)	
C	312	PENNY and FORGET, 1991, "Genomic organization of the human erythropoietin receptor gene," Genomics 11(4):974-980	
(313	PETITO, 1979, "Early and late mechanisms of increased vascular permeability following experimental cerebral infarction," J. Neuropatholo Exp. Neurol. 38(3):222-34	
C	314	PEEFFER et al., 1991, Progressive ventricular remodeling in rat with myocardial infarction. Am. J. Physiol. 260(5 Pt 2): H1406-1414	

EXA	MINER	
NYI-	228197v1	

DATE CONSIDERED

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through cutation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTY DOCKET NO APPLICATION NO. 10165-037-999 10/520,140 APPLICANT Primes et al.

(Use several sheets if necessary

Brines et al.

FILING DATF

January 3, 2005

ARTUNIT

JANUARY 3, 2005

C315	PHYSICIANS' DESK REFERENCE, 1995, 49th Edition (Medical Economics Data Production Company,	
 +	Montvale, NJ), pp. 1765-1769	
C316	PHYSICIANS' DESK REFERENCE, 2000 (Medical Economics Company, Inc. Montvale, NJ), pp. 519-525 and 2125-2131	
C317	PILBEAM et al., 1993, "Comparison of the effects of various lengths of synthetic human parathyroid	
10317	hormone-related peptide (hPTHrP) of malignancy on bone resorption and formation in organ culture," Bone	
	14:717-720	
 C318	PLAPP et al., 1971, "Activity of bovine pancreatic deoxyribonuclease A with modified amino groups," J. Biol.	
C318	Chem. 246(4):939-45	
 C319	PONGER et al., 1983, "Preparation of high-potency, non-aggregating insulins using a novel sulfation	
CSIF	procedure," Diabetes 32:1087-1091	
 C320	QUI et al., 1998, "Homodimerization restores biological activity to an inactive erythropoietin mutant," J. Biol.	
C320	Chem. 273(18):11173-11176	
 C321	REMICK, 2003, "Cytokine therapeutics for the treatment of sepsis: why has nothing worked?" Current	
10321	Pharmaceutical Design, 9:75-82	
 C322	REMY et al., 1999, "Erythropoietin receptor activation by a ligand-induced conformation change," Science	
10322	283:990-993	
 C323	ROBINSON et al., 1975, "Tetanus toxin. The effect of chemical modifications on toxicity, immunogenicity,	
1 0323	and conformation," J. Biol. Chem. 250(18):7435-42	
 C324	ROMANOVSKY et al., 1996, "First and second phases of biphasic fever: two sequential stages of the sickness	
C324	syndrome?" Am. J. Physiol. 271(1 pt. 2):R244-R253	
 C325	ROSENBAUM et al., 1997, "Retinal ischemia leads to apoptosis which is ameliorated by aurintricarboxylic	
C323	acid." Vision Res., 37(24):3445-3451	
C326	RUSH et al., 1993, "Peptide mapping and evaluation of glycopeptide microheterogeneity derived from	
C320	endoproteinase digestion of erythropoietin by affinity high-performance capillary electrophoresis," Anal.	
	Chem. 65(14):1834-1842	
 C327	RUSH et al., 1995, "Microheterogeneity of erythropoietin carbohydrate structure," Anal. Chemistry,	
032	67(8):1442-1452	
 C328	SAITO et al., 1990, "Role of neuroexcitation in development of blood-brain barrier and oedematous changes	
	following cerebral ischaemia and traumatic brain injury," Acta Neurochirurgica, Suppl. 51:186-188	
C329	SCHUSSLER et al., 1998, "Erythropoietin and obstetrical influences," Zeitschrift für Geburtshilfe und	
	Neonatologie 202(2):64-68 (With English Abstract)	
C330	SCOTT et al., 2000, "Reassessment of interactions between hematopoietic receptors using common beta-chain	
	and interleukin-3-specific receptor beta-chain-null cells: no evidence of functional interactions with receptors	
	for erythropoietin, granulocyte colony-stimulating factor, or stem cell factor," Blood 96(4):1588-1590	
C331	SHIKAMA et al., 1996, "A constitutively activated chimeric cytokine receptor confers factor-independent	
	growth in hematopoietic cell lines," Blood 88(2):455-464	
C332	SHULMAN et al., 2002, "Current drug treatment of Sepsis." Hospital Pharmacist 9:97-107	
C333	SODA et al., 1984, "Transendothelial transport (transcytosis) of iron-transferrin complex in the bone marrow,"	
	J Ultrastruct Res. 88(1):18-29	
 C334	STARK, 1967, "Modification of proteins with cyanate" Methods Enzymol. 11:590-594	
 C335	STENESH, J., 1989, Dictionary of Biochemistry And Molecular Biology, 2 nd Ed., New York. John Wiley &	
C333	Sons, p. 122, p. 508	
 C336	STURM et al., 2005, "Recombinant human erythropoietin: effects on frataxin expression in vitro," European J.	
2336	of Clinical Investigation, Vol. 35, pp. 711-717	
 (337	SUZUK] et al., 1983, "The effects of 5-minute ischemia in Mongolian gerbils: 1. Blood—brain barrier.	
1	cerebral blood flow, and local cerebral glucose utilization changes," Acta Neurophatologica (Berl) 60:207-216	

EXAMINER
NY1-4228197v1

DATE CONSIDERED

*EXAMINER. Initial if reference considered, whether or not citation is in conformance with MPEP 609, Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ERENCES CITED BY APPLICANT
(Use several sheets if necessary | Brines

ATTY, DOCKET NO	APPLICATION NO					
10165-037-999	10/520,140					
APPLICANT						
Brines et al.						
FILING DATE	ART UNIT					
TIEM O DITTE						
January 3, 2005	1647					

1 0000	T	
C338	SWEENEY et al., 1995, "Cellular mechanisms involved in brain ischemia," Can. J. Physiol. Pharmacol. Vol. 73:1525-1535	
C339	SWISS PROT ACCESSION No. P32927, October 1, 1993 (IL3 RB Human)	
C340	SYED et al., 1998, "Efficiency of signaling through cytokine receptors depends critically on receptor orientation," Nature 395:511-516	
C341	Vol. 81:395-402	
C342	chronic ambulatory peritoneal dialysis," Nephrology Dialysis Transplantation, Vol. 10:1733-1738	
C343	flow patterns in an animal study. J. Am. Coll. Cardiol. 25(1): 264-268	
C344	Res. Commun. 148(1):443-448	
C345	Press Medicale 31(11):505-514 (w/ English abstract)	
C346	rats with heart failure after myocardial infraction," JACC, Vol. 46(11) pp. 125-133	
C347	anaemia," Expert Opin. Biol. Ther. Vol. 3(3):501-508	
C348	by focal kainate application: Functional evidence for enhancement of electrographic seizures," J. Neurosci. 19(12):5054-65	
C349	but not neurotoxicity induced in rats by quinolinic acid: Electroencephalographic, behavioral and histological assessments," J. Pharmacol. Exp. Ther. 239(1):256-263	
C350	morphogenetic protein 7)," PNAS USA 93:9021-9026	
C351	WAUBEN-PENRIS et al., 1988, "The release of iron by Sertoli cells in culture," Biol. Reprod. 38:1105-1113	
C352	WELLS, 1990, "Additivity of mutational effects in proteins," Biochemistry 29(37):8509-8517	
C353		
C354	61-70	
C355	Semin. limmunol. 5(5):337-344	
C356	sequence and assignment to chromosome 19p." Blood 76(1):24-30	
C357	infarction," Circulation 85 Suppl. 1:1-32-1-42	
C358	utility as receptor ligands," Blood, Vol. 74(3):952-958	
C359	Thromb. Haemost. 78:1505-1509	
C360	WU and PARDRIDGE. 1996, "Central nervous system pharmacologic effect in conscious rats after intravenous injection of a biotinylated vasoactive intestinal peptide analog coupled to a blood-brain barrier drug delivery system," J Pharmacol Exp Ther. 279(1):77-83	
	C340 C341 C342 C343 C344 C345 C346 C347 C348 C349 C350 C350 C351 C352 C352 C353 C354 C355 C356 C357 C358 C359	C339 SWISS PROT ACCESSION No. P32927, October 1, 1993 (IL3 RB Human) SYED et al., 1998, "Efficiency of signaling through cytokine receptors depends critically on receptor orientation." Nature 393:511-316 C341 TARAHASHI, 1977, "The reactions of phenylglyoxal and related reagents with annino acids," J. Biochem., Vol. 81395-402 TEMPLE et al., 1995, "Recombinant erythropoietin improves cognitive function in patients maintained on chronic ambulatory perihoneal dialysis," Vephrology Dialysis Transplantation, Vol. 10:1733-1738 C343 TEIEN et al., 1995, "Doppler evaluation of severity of mitral regardiation: relation to pulmonary venous blood flow patterns in an animal study. J. Am. Coll. Cardiol. 25(1): 264-268 C344 TOJO et al., 1995, "Identification of erythropoietin receptors on fetal liver crythroid cells," Biochem. Biophys. Res. Commun. 1481 [143-448] C345 URENA, 2002, "Treatment of amenia in chronic renal failure by a long-active activator of erythropoiesis," Press Medicals 21(11):305-514 (wW. English abstract) C346 VAN DER MEER et al., 2003, "Erythropoietin induces neovascularization and improves cardiac function in ratio with heart failure after myocardial infraction." JACC, Vol. 46(11) pp. 125-133 C347 VANSTEENKISTE et al., 2003, "Erythropoietin induces neovascularization and improves cardiac function in ratio and real main and animal receptor of the properties of the research of the researc

EX	41	41	`	E	ŀ
NY	-43	228	ŀ	97	4

January 3, 2005

	C361	XIAO et al., 1998, "Fibrinogen deficiency is compatible with the development of atherosclerosis in mice," J. Clin Invest. 101(5):1184-1194
	C362	YAMAMURA et al., 1992, "Distinct downstream signaling mechanism between erythropoietin receptor and interleukin-2 receptor," EMBO J. 11(13):4909-4915
	C363	YANG et al., 1994, "Reperfusion-induced injury to the blood-brain barrier after middle-cerebral artery occlusion in rats," Stroke, Vol. 25(8):1658-1665
	C364	YET et al., 1993, "The extracytoplasmic domain of the erythropoietin receptor forms a monomeric complex with erythropoietin," Blood 82(6):1713-1719
	C365	YOSHIMURA et al., 1995, "A novel cytokine-inducible gene CIS encodes an SH2-containing protein that binds to tyrosine-phosphorylated interleukin 3 and erythropoietin receptors," EMBO J. 14(12):2816-2826
	C366	YOSHIMURA et al., 1996, "Mouse oncostatin M: an immediate early gene induced by multiple cytokines through the JAK-STAT5 pathway," EMBO J. 15(5):1055-1063
	C367	YOSHIMURA et al., 1996, "Physician Education: The Erythropoletin Receptor and Signal Transduction," Oncologist 1(5):337-339
	C368	ZENG, 1991, "Lysine modification of metallothionein by carbamylation and guanidination," Methods Enzymol. 205:433-437
	C369	ZHANG et al., 2006. "Erythropoietin protects CA1 neurons against global cerebral ischemia in rat: potential signaling mechanisms," J. Neurosci. Res. 83:1241-51
	C370	ZHU et al., 2002, "Detecting and responding to hypoxia," Nephrol. Dial. Transplant. 17 Suppl 1:3-7
	C371	Office Action, Application No. 09/547,220, date mailed: May 8, 2002
	C372	Office Action, Application No. 09/547,220, date mailed: June 13, 2002
	C373	Office Action, Application No. 09/547,220, date mailed: October 22, 2002
	C374	Office Action, Application No. 09/547,220, date mailed: January 28, 2003
	C375	Office Action, Application No. 09/547,220, date mailed: December 2, 2003
	C376	Office Action, Application No. 09/547,220, date mailed: September 22, 2004
	C377	Office Action, Application No. 09/547,220, date mailed: June 6, 2005
	C378	Office Action, Application No. 09/547,220, date mailed: February 22, 2006
	C379	Office Action, Application No. 09/547,220. date mailed: August 31, 2006
	C380	Notice of Abandonment, Application No. 09/547,220, date mailed: June 26, 2007
	C381	Office Action, Application No. 09/716,960, date mailed: August 26, 2002
	C382	Office Action, Application No. 09/716,960, date mailed: July 25, 2003
	C383	Office Action, Application No. 09/716,960, date mailed: March 8, 2004
	C384	Office Action, Application No. 09/716,960, date mailed: September 16, 2004
	C385	Office Action, Application No. 09/716,960, date mailed: January 19, 2005
******	C386	Office Action, Application No. 09/716,960, date mailed: May 8, 2006
	C387	Office Action, Application No. 09/716.960, date mailed: February 1,2007
	C388	Office Action, Application No. 09/716,960, date mailed: October 16, 2007
	C389	Office Action, Application No. 09/716,960, date mailed: December 6, 2007

E	1	Ú	•	١	1	ı	1	E	R
	1	1		'n				01	٠.

ARTUNIT

| ATY DOCKET NO | APPLICATION NO | 10165-037-999 | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | | 10/520,140 | |

FILING DATE

January 3, 2005

L		January 5, 2005	
	C390	Notice of Allowance, Application No. 09/716,960, date mailed: February 21, 2008	
	C391	Office Action, Application No. 09/717,057, date mailed: May 17, 2002	_
	C392	Office Action, Application No. 09/717,057, date mailed: November 1, 2002	
	C393	Office Action, Application No. 09/717,057, date mailed: July 15, 2003	_
	C394	Office Action, Application No. 09/717,057, date mailed: April 5, 2004	
	C395	Office Action, Application No. 09/717,057, date mailed: October 26, 2004	
	C396	Office Action, Application No. 09/717,057, date mailed: April 5, 2005	
	C397	Office Action, Application No. 09/717,057, date mailed: January 9, 2006	
	C398	Office Action, Application No. 09/717,057, date mailed: October 10, 2006	_
	C399	Notice of Allowance, Application No. 09/717,057, date mailed: May 18, 2007	
	C400	Office Action, Application No. 09/717,053, date mailed: May 13, 2002	
	C401	Office Action, Application No. 09/717,053, date mailed: July 16, 2002	
	C402	Office Action, Application No. 09/717,053, date mailed: April 9, 2003	
	C403	Office Action, Application No. 09/717,053, date mailed: October 15, 2003	
	C404	Office Action, Application No. 09/717,053, date mailed: April 20, 2004	
	C405	Office Action, Application No. 09/717,053, date mailed: May 3, 2005	
	C406	Office Action, Application No. 09/717,053, date mailed: January 20, 2006	
	C407	Office Action, Application No. 09/717,053, date mailed: October 24, 2006	
	C408	Notice of Allowance, Application No. 09/717,053, date mailed: April 26, 2007	
	C409	Office Action, Application No. 09/753,132, date mailed: January 25, 2002	
	C410	Office Action, Application No. 10/185,841, date mailed: April 28, 2005	
	C411	Office Action, Application No. 10/185,841, date mailed: January 18, 2006	
	C412	Office Action, Application No. 10/185,841, date mailed: October 5, 2006	
	C413	Office Action, Application No. 10/185,841, date mailed: June 27, 2007	
	C414	Interview Summary, Application No. 10/185,841, datc mailed: February 27, 2008	
	C415	Office Action, Application No. 10/185,841, date mailed: January 9, 2009	
	C416	Notice of Allowance, Application No. 10/185,841, date mailed: April 10, 2009	
	C417	Notice of Allowance, Application No. 10/185,841, date mailed: October 22, 2009	
	C418	Office Action, Application No. 10/188,905, date mailed: August 22, 2005	
	C419	Office Action, Application No. 10/188,905, date mailed: March 21, 2006	
	C420	Office Action, Application No. 10/188,905, date mailed: December 7, 2006	
	C421	Office Action, Application No. 10/188,905, date mailed: May 28, 2008 (Interview Summary 5/21/08)	_
	C422	Office Action, Application No. 10/188,905, date mailed: October 15, 2008	-

EXAMINER NYI-4228197v1

DATE CONSIDERED

⁴FX.AMINFR. Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTY DOCKET NO. 10165-037-999 10/520,140 APPLICANT (Use several sheets if necessary APPLICANT Brines et al. Bring date January 3, 2005 1647

	C423	Office Action, Application No. 10/188,905, date mailed: February 12, 2009 (Interview Summary 2/04/09)	
	C424	Office Action, Application No. 10/351,640, date mailed: December 13, 2005	
	C425	Office Action, Application No. 10/351,640, date mailed: August 28, 2006	
	C426	Office Action, Application No. 10/351,640, date mailed: June 5, 2007	
	C427	Office Action, Application No. 10/351,640. date mailed: September 19, 2008	
	C428	Office Action, Application No. 10/612,665 date mailed: June 20, 2006	
	C429	Office Action, Application No. 10/612,665 date mailed: February 23, 2007	_
	C430	Office Action, Application No. 10/612,665 date mailed: December 31, 2007	
	C431	Office Action, Application No. 10/612,665 date mailed: December 11, 2008	
	C432	Office Action, Application No. 11/880,275, date mailed: May 22, 2009	
	C433	Office Action, Application No. 11/881,759, date mailed: December 12, 2007	
	C434	Office Action, Application No. 11/881,759, date mailed: July 18, 2008	
	C435	Office Action, Application No. 11/881,759, date mailed: September 24, 2008	
	C436	Office Action, Application No. 11/881,759, date mailed: July 21, 2009	
	C437	Office Action, Application No. 11/893,294, date mailed: June 16, 2008	
	C438	Office Action, Application No. 11/893,294, date mailed: October 10, 2008	
	C439	Office Action. Application No. 11/893,294, date mailed: February 2, 2009	
	C440	Office Action, Application No. 10/188,905, date mailed: November 12, 2009	
	C441	Ghezzi et al., 2004, "Erythropoietin as an antiapoptotic, tissue protective cytokine	
	C442	International Search Report for PCT/US00/10019, mailed August 30, 2000	
	C443	LINDAHL, 1980, "The contributions of crythropoietic and noncrythropoietic haem turnover to the early labelle peak of endogenous CO formation in man," Scand. J. Haematol, Apr 24 (4): 271-80	
	C444	SALINSKA et al., 2005, "The role of excitotoxicity in neurodegeneration." Folia Neuropath., 43(4):322-339	
	C445	SEGURA-AGUILAR et al., 2004, "Neurotoxins and neurotoxic species implicated in neurodegeneration." Neurotox. Res., 6(7,8):615-630	
	C446	WANG ct al, 2005, "Kainic acid-mediated excitotoxicity as a model for neurodegeneration." Molec. Neurobiol., 31(1-3): 3-16	
	C447	TRIST, 2000, "Excitatory amino acid agonists and antagonists: pharmacology and therapeutic applications." Pharmaceutica Acta Helvetiae, 74:221-229	
	C448	Written Opinion for PC1/US00/10019. mailed August 16, 2001	
	C449	Office Action, Application No. 10/351,640, date mailed: July 7, 2009	ad 100 marins
	C450	Office Action, Application No. 11/893,294, date mailed: August 13, 2009	
-		1	

E	X	A	N	II	N	E	I
N	Y	Į.	12	28	s i	9	74